

# TOWN OF READING

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## THE ANNUAL REPORT

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OF RECEIPTS  
AND EXPENDITURES

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For the Financial Year  
Ended December 31st

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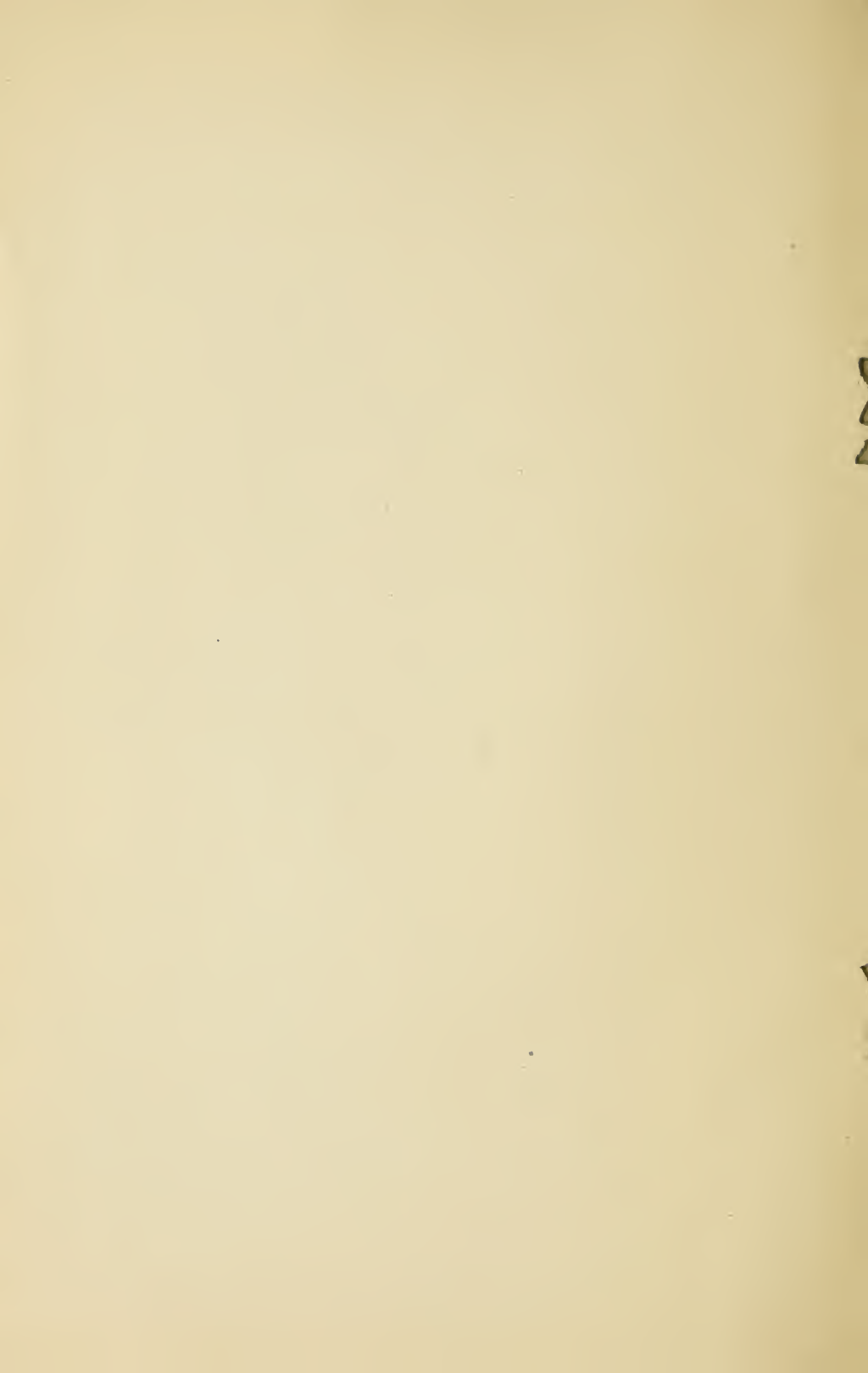
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# 1914











# TOWN OF READING

ANNUAL REPORT

—OF—

## Receipts and Expenditures

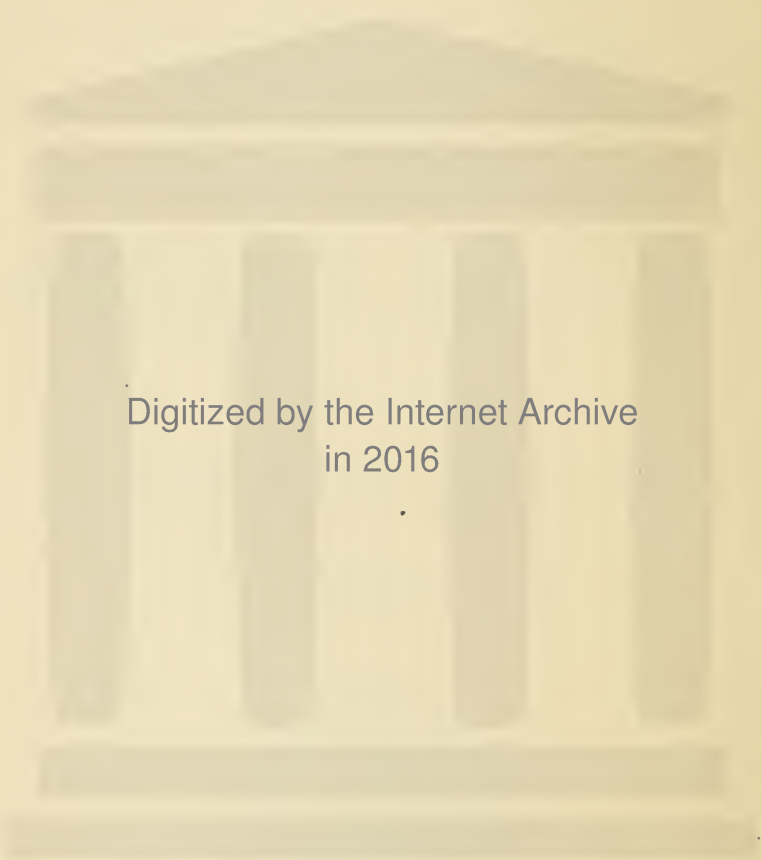
—FOR THE—

FINANCIAL YEAR ENDED DECEMBER 31

1914



W. E. & J. F. TWOMBLY  
PRINTERS  
READING, MASS.



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## TOWN OFFICERS 1914-1915

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### Selectmen and Fence Viewers

OTIS B. RUGGLES, *Chairman*

EDWIN L. HUTCHINSON, *Secretary*

EDGAR O. DEWEY

### Town Accountant

JOHN H. SHELDON . . . . Term expires 1917

### Overseers of the Poor

OTIS B. RUGGLES, *Chairman*

EDWIN L. HUTCHINSON, *Secretary*

EDGAR O. DEWEY

### Assessors

MILLARD F. CHARLES, *Chairman* . . . Term expires 1915

GEORGE E. HORROCKS, *Secretary* . . . " " 1916

ARDINE M. ALLEN . . . . " " 1917

### Town Clerk

MILLARD F. CHARLES

### Treasurer

WARD C. MANSFIELD

### Collector of Taxes

HERBERT M. VIAL

### Board of Health

EDWARD M. HALLIGAN, <i>Chairman</i>	Term expires	1916
GEORGE L. FLINT, <i>Secretary</i>	" "	1915
CALVERT H. PLAYDON	" "	1917

### School Committee

WALTER S. PARKER, <i>Chairman</i>	Term expires	1917
JESSE W. MORTON	" "	1916
IDA A. YOUNG	" "	1916
HOWARD W. POOR	" "	1917
ARTHUR N. MANSFIELD	" "	1915
ELIZABETH H. BROWN	" "	1915
ADELBERT L. SAFFORD, <i>Supt. of Schools, Sec'y</i>		

### Water Commissioners

HENRY R. JOHNSON, <i>Chairman</i>	Term expires	1916
EDGAR N. HUNT, <i>Secretary</i>	" "	1915
HARVEY A. BANCROFT	" "	1917

### Sewer Commissioners

EDGAR N. HUNT, <i>Chairman</i>	Term expires	1916
FRANK K. BLACK	" "	1915
CHARLES R. HERRICK	" "	1917

### Municipal Light Board

CARL M. SPENCER, <i>Chairman</i>	Term expires	1917
GEORGE L. FLINT, <i>Secretary</i>	" "	1915
FRANK E. CRAFTS	" "	1916

### Trustees of Public Library

HORACE G. WADLIN, <i>Chairman</i>	Term expires	1916
ARTHUR N. MANSFIELD, <i>Secretary</i>	" "	1915
ROBERT T. EDES	" "	1916
HARRY P. BOSSON	" "	1917
HENRY C. PARKER	" "	1915
FRANK C. CARTER	" "	1917

### Trustees of Laurel Hill Cemetery

GALEN A. PARKER, <i>Chairman</i> . . .	Term expires	1917
ALFRED W. DANFORTH, <i>Supt. and Sec'y</i> "	"	1915
FRANK L. EDGERLEY . . .	"	1916
JAMES H. CARLETON . . .	"	1915
CHARLES W. LEE . . .	"	1916
ALVAH W. CLARK . . .	"	1917

### Registrars

MILLARD F. CHARLES, <i>Clerk</i>	
OWEN McKENNEY	WALTER S. PRENTISS
ARTHUR C. COPELAND	

### Engineers of Fire Department

ORVILLE O. ORDWAY, <i>Chief</i>	
WILLIAM R. ZWICKER, <i>Clerk</i>	
	LUKE McKENNEY

### Superintendent of Fire Alarm

LEONARD T. EAMES

### Forest Warden

HERBERT E. McINTIRE

### Deputies

JOHN N. WESTON	GEORGE F. BLANCHARD
WILLARD A. BANCROFT	A. E. BATCHELDER
WILLIAM W. NEWHOUSE	

### Police

WILLIAM E. SWAIN, <i>Chief and Keeper of Lock-Up</i>	
JEREMIAH CULLINANE, JR.	OSCAR H. LOWE
GEORGE C. STOCK	

**Specials**

WILLIAM F. WELCH	WILLIAM C. MCKINLEY
ARDINE M. ALLEN	WILLIAM H. KILLAM
SAMUEL BROWN	DAVID J. WHELTON
JESSE N. HUTCHINSON	TIM. J. CULLINANE
WILLIAM C. CRAM	CLEMENT GLEASON
WILLIAM QUILLEN	WILLIAM KIDDER
THOMAS M. PALMER	WILLARD A. BANCROFT
WM. J. MURPHY	JOHN STOCK
EDWARD H. CROWE	

**Truant Officer**

WILLIAM KIDDER

**Superintendent of Streets**

EDWARD H. CROWE

**Local Superintendent of Moth Work**

HENRY M. DONEGAN

**Superintendent of Town Home**

L. A. DEMING

**Inspector of Plumbing**

DAVID TAGGART

**Inspector of Animals**

CALVERT H. PLAYDON, M. D. V.

**Inspector of Wires**

ARTHUR G. SIAS

**Inspector of Buildings**

ROBERT E. PARKER

**Board of Appeal**

MAHLON E. BRANDE                      JAMES H. CARLETON  
JOSEPH S. TEMPLE

**Sealer of Weights and Measures**

FRANK W. PARKER

**Burial Agent of Deceased Soldiers and Sailors**

EPHRAIM WIGHT

**Tree Warden**

HENRY M. DONEGAN

**Finance Committee**

CHARLES A. LORING, <i>Chairman</i>	Term expires Dec. 31, 1916
JOHN CONNELLY . . . .	" " " " 1915
MARTIN B. HARTSHORN . .	" " " " 1915
FRANK W. PARSONS . . .	" " " " 1916
WILFRED A. BANCROFT . .	" " " " 1916
SOLOMON BANCROFT . . .	" " " " 1916
FRANK F. STROUT . . . .	" " " " 1917
WINTHROP D. PARKER . .	" " " " 1917
ADELBERT E. BATCHELDER	" " " " 1917
FREDERICK L. SPRINGFORD	" " " " 1917
ELIAS B. CURRELL . . . .	" " " " 1917
JAMES H. REMICK . . . .	" " " " 1915
ARTHUR H. JEWETT . . . .	" " " " 1915
HORACE T. MUZZY . . . .	" " " " 1915
CLARENCE C. WHITE . . . .	" " " " 1916

JOHN H. SHELDON, Town Accountant, Ex-officio

**Playground Commission**

JOHN F. TURNER, *Chairman*

CHARLES E. RECK, *Secretary*

HARRY P. BOSSON

DENNIS CUMMINGS

WILLIAM R. CLARKE

FREDERICK W. ALLEN

**Measurers of Wood and Bark**

CHARLES W. LEE	WENDELL BANCROFT
PERCY N. SWEETSER	BURTON K. SYMONDS
WARREN M. WHITEHOUSE	

**Surveyors of Lumber**

WARREN M. WHITEHOUSE	SAMUEL BROWN
WILLIAM R. ZWICKER	BURTON K. SYMONDS
GEORGE L. FLINT	

**Weighers of Coal and Hay**

CHARLES W. LEE	PERCY N. SWEETSER
WILLIAM H. WHITE	BURT E. DUGAN
WENDELL BANCROFT	GEORGE DANE
ERNEST SURRETTE	WARREN M. WHITEHOUSE
MILTON H. ELVY	

**Field Drivers**

WILLARD A. BANCROFT	WM. F. WELCH
ARDINE M. ALLEN	



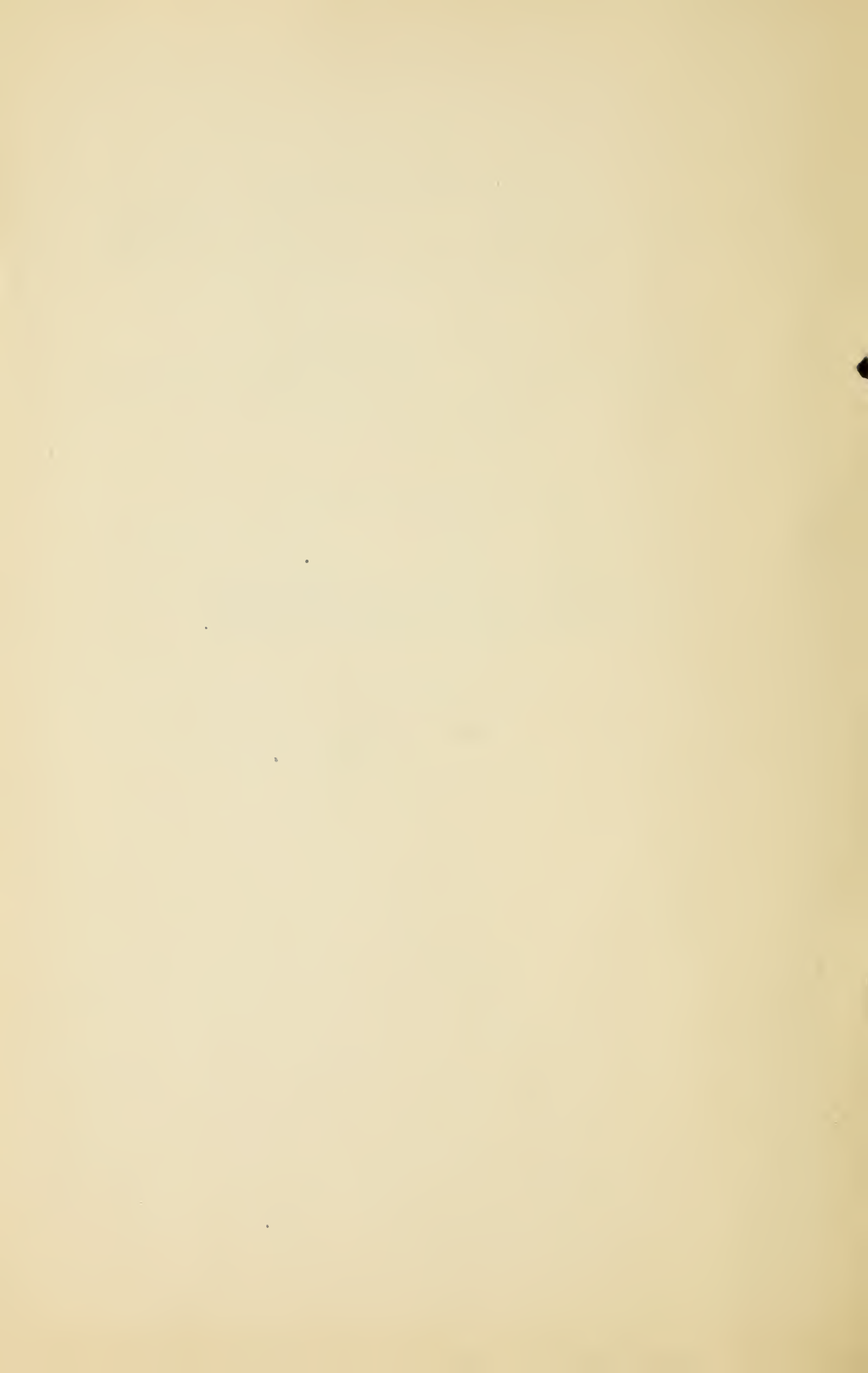
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**REPORT OF TOWN CLERK**

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## TOWN MEETINGS IN THE YEAR 1914

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### ANNUAL TOWN ELECTION

LYCEUM HALL, READING, March 2, 1914.

Pursuant to a warrant and Constable's return thereon a town meeting was held at the time and place therein specified and was called to order by Town Clerk Millard F. Charles; prayer was offered by Rev. Marion F. Ham; the warrant was partly read when it was voted to dispense with further reading except the Constable's return, which was read, and then the meeting proceeded to choose a Moderator.

The ballot was opened and closed with the following result: George L. Flint had four votes, all that were cast, and he was declared elected.

The ballot box was opened, examined and declared empty, and registering 0000, and the keys to same were delivered to Ardine M. Allen, Constable in charge.

The following ballot clerks and tellers were duly sworn and the ballots delivered to the Moderator, the presiding election officer:

Chester C. Richardson	Samuel Rounds
William H. Baker	Bartholomew J. Lehan
Sylvanus L. Thompson	Percy L. Horrocks
James A. Freeman	Bernard T. Granfield
George M. Hutchinson	John D. Canty
George W. S. Ide	George P. Forbes
Richard N. B. Wilson	

The ballot was duly declared opened. On motion of Ardine M. Allen it was voted to close the polls at four o'clock and thirty minutes P. M.

Art. 2. To see if the Town will vote to adjourn this meeting after the completion of the business under Art. 3, to Monday, March the ninth, 1914, at 7.45 p. m., in Lyceum Hall, or what they will do in relation thereto.

Art. 2. On motion of Ardine M. Allen, it was voted that when this meeting adjourn it adjourns to meet in Lyceum Hall on March 9, 1914, at 7.45 p. m.

The polls were duly closed as per previous vote with the following result: The ballot box registered 899 votes as being cast, the tellers counted 898 votes and the ballot clerks reported 898 names checked; 882 men and 16 women voted.

Art. 3. To bring in their votes on one ballot for Town Clerk, Selectmen, Overseers of the Poor, Treasurer, Collector of Taxes, one member of the Board of Assessors for three years, two Constables, one Water Commissioner for three years, one member of the Municipal Light Board for three years, one member of the Board of Health for three years, two Trustees of Laurel Hill Cemetery for three years, two Trustees of the Public Library for three years, two members of the School Committee for three years, one Sewer Commissioner for three years, Tree Warden for one year: also on the same ballot, Yes or No, in answer to the following question: Shall licences be granted for the sale of intoxicating liquors in this town? also on the same ballot, Yes or No, "Shall Chap. 807 of the Acts of 1913, being an act to provide for compensating laborers, workmen and mechanics for injuries sustained in public employment, and to exempt from legal liability counties and municipal corporations which pay such compensation, be accepted by the inhabitants of this town?

#### TOWN CLERK FOR ONE YEAR

* Millard F. Charles, 66 Bancroft avenue . . . . .	538
Blanks . . . . .	344

#### SELECTMEN FOR ONE YEAR

* Edgar O. Dewey, 76 Main street . . . . .	502
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Edward B. Eames, 393 Main street	.	.	.	382
* Edwin L. Hutchinson, 6 Grove street	.	.	.	558
James W. Killam, 16 Arlington street	.	.	.	340
* Otis B. Ruggles, 49 Prescott street	.	.	.	569
Blanks	.	.	.	295

## OVERSEERS OF THE POOR FOR ONE YEAR

* Edgar O. Dewey, 76 Main street	.	.	.	515
Edward B. Eames, 393 Main street	.	.	.	393
* Edwin L. Hutchinson, 6 Grove street	.	.	.	546
James W. Killam, 16 Arlington street	.	.	.	332
* Otis B. Ruggles, 49 Prescott street	.	.	.	559
Blanks	.	.	.	301

## ASSESSOR FOR THREE YEARS

* Ardine M. Allen, 77 Bancroft avenue	.	.	.	663
Blanks	.	.	.	217

## TREASURER FOR ONE YEAR

* Ward O. Mansfield, 45 Prescott street	.	.	.	773
Blanks	.	.	.	109

## COLLECTOR OF TAXES FOR ONE YEAR

* Herbert M. Viall, 42 Bancroft avenue	.	.	.	732
Blanks	.	.	.	150

## BOARD OF HEALTH FOR THREE YEARS

Lemuel W. Allen, 62 Washington street	.	.	353
* Calvert H. Playdon, 8 Gould street	.	.	361
Francis J. Skillen, 14 Pleasant street	.	.	110
Blanks	.	.	58

## CONSTABLES FOR ONE YEAR

* Ardine M. Allen, 77 Bancroft avenue	.	.	528
* William H. Manning, 69 Middlesex avenue	.	.	528
John Stock, 22 Belmont street	.	.	347
Blanks	.	.	361

## WATER COMMISSIONER FOR THREE YEARS

* Harvey A. Bancroft, 17 Mineral street . . .	439
Charles Rufus Herrick, 219 Pearl street . . .	376
Blanks . . . . .	67

## SEWER COMMISSIONER FOR THREE YEARS

* Charles Rufus Herrick, 219 Pearl street . . .	464
Henry R. Johnson, 8 Sanborn street . . .	363
Blanks . . . . .	54

## MUNICIPAL LIGHT BOARD FOR THREE YEARS

* Carl M. Spencer, 39 Chute street . . . . .	708
Blanks . . . . .	176

## TRUSTEES LAUREL HILL CEMETERY FOR THREE YEARS

* Galen A. Parker, 1 Charles street . . . . .	696
* Alvah W. Clark, 232 Main street . . . . .	650
Blanks . . . . .	418

## TRUSTEES PUBLIC LIBRARY FOR THREE YEARS

* Harry P. Bosson, 53 Prescott street . . . . .	646
* Frank C. Carter, 55 Woburn street . . . . .	657
Blanks . . . . .	460

## SCHOOL COMMITTEE FOR THREE YEARS

* Walter S. Parker, 55 Walnut street . . . . .	682
* Howard W. Poor, 27 Mt. Vernon street . . . . .	697
Blanks . . . . .	417

## TREE WARDEN FOR ONE YEAR

* Henry M. Donegan, 58 Federal street . . . . .	742
Blanks . . . . .	140

\* Elected.

Shall licenses be granted for the sale of intoxicating liquors in this town? Yes, 153; no, 612; blanks, 117.

"Shall chapter 807 of the acts of nineteen hundred and thirteen, being an act to provide for compensating laborers, workmen and mechanics for injuries sustained in public em-

ployment, and to exempt from legal liability, counties and municipal corporations which pay such compensation, be accepted by the inhabitants of this Town?" Yes, 353; no, 110; blanks, 419.

The ballots were counted, sealed and delivered to the Town Clerk, whereupon the meeting was adjourned as per previous vote, to meet in Lyceum Hall on March 9, 1914, at 7.45 P. M.

MILLARD F. CHARLES, Town Clerk.

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LYCEUM HALL, March 9, 1914.

A town meeting was held as per adjournment and was called to order by Moderator George L. Flint.

Art. 4. To hear and act on the reports of the Selectmen, Overseers of the Poor, Assessors, Treasurer, Collector of Taxes, School Committee, Water Commissioners, Municipal Light Board, Engineers of the Fire Department, Trustees of the Cemetery, Trustees of the Public Library, Board of Health, Tree Warden, Town Accountant, Finance Committee and Special Committees.

It was voted to lay Art. 4 on the table.

Art. 5. To choose all other necessary Town officers and to determine what instructions they will give the Town officers.

Voted, on motion of Otis B. Ruggles, that William F. Welch, Ardine M. Allen and Willard A. Bancroft serve as Field Drivers for the ensuing year.

Voted, on motion of Otis B. Ruggles, that Ora L. Milbury, Wendell Bancroft, Warren M. Whitehouse, Samuel Brown, William R. Zwicker, Burton K. Symonds, Edward B. Eames, George L. Flint serve as Surveyors of Lumber for the ensuing year.

Voted, on motion of Otis B. Ruggles, that the Selectmen act as Fence Viewers for the ensuing year.



Voted, that L. Adelbert Deming serve as Poundkeeper for the ensuing year.

Voted, that the Selectmen be authorized to appoint Measurers of Wood and Bark and Weighers of Coal, Hay etc., for the ensuing year.

Voted to lay Art. 5 on the table.

Art. 6. To determine how much money the Town will raise and appropriate for General Government, Protection of Life and Property, Health and Sanitation, Highways and Bridges, Charities, Soldiers' Benefits, Education, Library, Recreation, Cemetery and Interest.

Voted, on motion of Otis B. Ruggles, that the following amount, \$9,105, be raised and appropriated for General Government, specified as follows, for the fiscal year :

Salary of Moderator . . . . .	\$50 00
Salaries of Selectmen . . . . .	500 00
Selectmen's other expenses . . . . .	200 00
Accountant's salary . . . . .	750 00
Treasurer's salary . . . . .	600 00
Treasurer's other expenses . . . . .	200 00
Tax Collector's salary . . . . .	1,100 00
Tax Collector's expenses . . . . .	175 00
Assessors' salaries . . . . .	1,150 00
Assessors' other expenses . . . . .	500 00
Town Clerk's salary . . . . .	150 00
Town Clerk's other expenses . . . . .	250 00
Registrars' salaries . . . . .	130 00
Election expenses . . . . .	600 00
Miscellaneous expenses . . . . .	1,200 00
Town Building . . . . .	600 00
Insurance . . . . .	400 00
Lighting G. A. R. Hall . . . . .	50 00
Block System Survey . . . . .	500 00
Total . . . . .	<u>\$9,105 00</u>



## PROTECTION TO PERSONS AND PROPERTY

On motion of Otis B. Ruggles, it was voted to raise and appropriate as follows :

Police Department . . . . .	\$5,100 00
(and appropriate all fines)	
Fire Department . . . . .	5,333 00
Fire hose (1,000 ft.) . . . . .	650 00
Repairs on Fire Alarm . . . . .	400 00
Transmitter for Fire Department . . . . .	175 00
Hydrant rentals . . . . .	5,730 00
Moth Department . . . . .	2,788 71
(and appropriate Moth Assessments)	
Forest Warden . . . . .	775 00
Tree Warden . . . . .	500 00
(and appropriate receipts)	
Inspector of Wires . . . . .	100 00
Sealer of Weights and Measures, salary . . . . .	100 00
Expenses . . . . .	135 00
Health and Sanitation, salaries . . . . .	250 00
Expenses . . . . .	1,450 00
Highways, Streets, Sidewalks and Bridges . . . . .	4,470 00
(and appropriate receipts from Franchise and Excise taxes)	
Street watering . . . . .	1,000 00
Oil for streets and highways . . . . .	3,000 00
Drinking fountains . . . . .	300 00
Snow and ice removal . . . . .	1,200 00
Street watering, labor . . . . .	700 00
Street watering, water . . . . .	300 00
Poor Department . . . . .	3,200 00
Aid under Chap. 763, Acts of 1913 . . . . .	1,500 00
Soldiers' Relief . . . . .	750 00
School Department	
General School Expenses . . . . .	40,500 00
Special Repairs . . . . .	1,050 00
12 New Typewriters . . . . .	600 00
(and appropriate receipts)	

Public Library . . . . .	1,445 00
(and appropriate proceeds of Dog Tax and receipts of Library Fines, etc.)	
Rent of Playground . . . . .	342 00
Care of Common, Mayall and Washington Parks	150 00
Memorial Day . . . . .	200 00
(to be spent under the direction of Post 194 G. A. R.)	
Band concerts . . . . .	200 00
Care of Cemetery . . . . .	1,200 00
Interest . . . . .	4,512 50
(and appropriate interest on taxes and bank deposits)	

Voted to lay Art. 5 on the table.

Art. 27. To see if the Town will vote to authorize the Treasurer, with the approval of the Selectmen, to borrow money in anticipation of the revenue of the current financial year.

On motion of Ward O. Mansfield, it was voted that the Town Treasurer, with the approval of the Selectmen, be and hereby is authorized to borrow money from time to time in anticipation of the revenue of the financial year beginning Jan. 1, 1914, an amount not exceeding one hundred forty-five thousand dollars and to issue a note or notes therefor payable within one year, any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Voted, to adjourn to meet in Lyceum Hall on Monday, March 16, 1914, at seven o'clock and forty-five minutes.

MILLARD F. CHARLES, Town Clerk.

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LYCEUM HALL, READING, MASS., March 16, 1914.

Pursuant to adjournment a town meeting was held and was called to order by Moderator George L. Flint.

Voted to take Art. 5 from the table.

On motion of Frank H. Nutting, it was voted that the Municipal Light Board be instructed to make a contract for

furnishing electricity to the Town of Wakefield for a period not exceeding two years, at such rate as they may deem most advantageous to the Town of Reading, providing the contract is approved by the State Board of Gas and Electric Light Commissioners.

On motion of Lewis M. Bancroft, it was voted that the Selectmen be given full power in the suits of City of Malden vs. Town of Reading (relief of a pauper), and of J. H. Thompson vs. Town of Reading (running into stone watering trough in Reading Square).

On motion of Jesse W. Morton, it was voted to instruct the Municipal Light Board to make their report of contract with the Town of Wakefield, for furnishing electricity, in the Reading Chronicle instead of to the Town of Reading.

Voted to lay Art. 5 on the table.

Art. 7. To see what sum the Town will raise and appropriate or otherwise provide, with the receipts of the Municipal Light and Power Department for the year 1914, for maintenance, operation, repairs and new construction for said plant, and for the payment of Bonds, Notes, Interest and Depreciation due by said plant, during this year, or what they will do in relation thereto.

Art. 8. To see if the Town will vote to authorize the Municipal Light Board to install Tungsten street lights on any or all of the following streets, and how much money they will raise and appropriate or otherwise provide therefor, or what they will do in relation thereto.

Junction Main and Minot Sts., 1 light.

Grand St., cor. Harriman Ave., 1 light.

Brook St., between Ash St. and Summer Ave., 1 light.

Prescott St., between Pratt St. and Summer Ave., 1 light.

Lowell St., between the Common and Sanborn St., 1 light.

Summer Ave., opp. Middlesex Ave. Ext., 1 light.

Green St., between Ash St. and High St., and remove 1 arc, 2 lights.

Green St., between Main St. and Elliott St., 1 light.

Green St., between Elliott St. and Village St., 1 light.

Dudley St., cor. Deering St., 1 light.

Vine St., between High St. and Middlesex Ave., 1 light.

Mineral St., between Hancock St. and Summer Ave., 1 light.

West St., between last light and Wilmington line, 4 lights.

Haverhill St., between Charles and Wakefield Sts., 4 lights.

Main St., near Stoneham line, 1 light.

Summer Ave., near Ellis Ave., 1 light.

Deering St., between Middlesex Ave. and Lowell St., 1 light.

Summer Ave., between Woodbine and Willow Sts., 2 lights.

Main St., between Mill St. and North Reading line, 3 lights.

High St., between Vine St. and Lowell St., 1 light.

Art. 9. To see if the Town will vote to raise and appropriate or otherwise provide the sum of \$2,932.07 for the use of the Municipal Light Board, to pay outstanding bills for construction for the year ending Dec. 31, 1913, or what they will do in relation thereto.

After some discussion on the electric light question it was voted to lay Arts. 7, 8 and 9 on the table.

Art. 10. To see how much money the Town will raise and appropriate for mains, service pipes, interest on water loan and maintenance of water works, or what they will do in relation thereto.

On motion of Henry R. Johnson, it was voted that the amount raised and appropriated for hydrant rentals, together with the receipts for water, be appropriated for interest on water loan, maintenance of water works, and

for main and service pipe, and that three thousand dollars be paid to the Town Treasurer, to be used in part payment for water bonds.

Art. 11. To see if the Town will raise and appropriate the sum of \$50 to build a sidewalk on the south side of Orange St., between Pierce and Belmont Sts., or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the sum of fifty dollars be taken from the highway appropriation to build a sidewalk on the south side of Orange St., between Pierce and Belmont Sts.

Art. 12. To see if the Town will raise and appropriate the sum of \$100 to build a sidewalk on the west side of Main St., from the sidewalk built last year to the Stoneham line, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the sum of one hundred dollars be taken from the highway appropriation to build a sidewalk on the west side of Main St., from the sidewalk built last year to the Stoneham line.

Art. 33. To see if the Town will vote to reinstate Hose Company No. 5 on Forest St., or what they will do in relation thereto.

On motion of Edwin L. Hutchinson, a vote was taken on the subject matter of this article, but it was not carried.

Art. 25. To see if the Town will erect a Fire Alarm Box at or near the junction of Lowell, Sanborn and Highland Sts., and how much money they will raise and appropriate for this purpose, or what they will do in relation thereto.

On motion of Charles H. Stinchfield, it was voted that the subject matter of this article be referred to Board of Fire Engineers.

Voted, to adjourn to meet in Lyceum Hall on Monday, at seven o'clock and forty-five minutes, March 23, 1914.

MILLARD F. CHARLES, Town Clerk.



LYCEUM HALL, READING, MASS., March 23, 1914.

Pursuant to adjournment a town meeting was held in said place and was called to order by the Moderator.

Art. 13. To see if the Town will raise and appropriate the sum of \$500 to build new concrete sidewalks, the fifty per cent. cost to abutters to be waived, or what they will do in relation thereto.

On motion of Gilman L. Parker, it was voted that five hundred dollars be raised and appropriated to build new concrete sidewalks, the fifty per cent. to be added to abutters, but this vote is not to be construed as reversing the accepted policy of the town.

Art. 14. To see if the Town will raise and appropriate the sum of \$1000 for repairs to concrete sidewalks, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the sum of one thousand dollars be raised and appropriated for repairs of concrete sidewalks.

Art. 15. To see if the Town will raise and appropriate the sum of \$10 to build a sidewalk on the easterly side of Winter St., from Salem St. northerly to land of George E. Horrocks, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the sum of ten dollars be taken from highway appropriation to build a sidewalk on the easterly side of Winter St., from Salem St. northerly to land of George E. Horrocks.

Art. 16. To see if the Town will raise and appropriate the sum of \$2000 for Lowell St. macadam, provided the state appropriates a like amount, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the sum of two thousand dollars be raised and appropriated for Lowell St. macadam, provided the state appropriates a like amount.

Art. 17. To see if the Town will raise and appropriate the sum of \$1000 for special highway construction on Haverhill St., or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that one thousand dollars be raised and appropriated for special highway construction on Haverhill St.

Art. 18. To see if the Town will authorize the Board of Selectmen to petition the Middlesex County Commissioners to straighten and widen the Lowell St. bridge and approaches over the B. & M. R. R. tracks, or what they will do in relation thereto.

It was voted to indefinitely postpone.

Art. 19. To see if the Town will raise and appropriate the sum of \$375 to cover the open ditch through the land of Isaac Bolton, No. 10 off Ash St., or what they will do in relation thereto.

It was voted to indefinitely postpone.

Art. 20. To see if the Town will raise and appropriate the sum of \$500 for the salary of the Town Counsel, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted to raise and appropriate, for the salary of the Town Counsel for the ensuing year, five hundred dollars.

Art. 21. To see if the Town will vote to pay the Chief of Police \$3.25 per day and regular police officers \$3.00 per day, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the Chief of Police be paid \$3.25 per day and regular police officers three dollars per day.

Art. 22. To see if the Town will raise and appropriate the sum of \$150 to install a catch basin near the residence of Carl B. Sawyer on Summer Ave., or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that \$150 be

taken from highway appropriation to install a catch basin on Summer Ave., near the residence of Carl B. Sawyer.

Art. 23. To see if the Town will raise and appropriate the sum of \$75 to install a catch basin on Summer Ave., near Woburn St., or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that \$75 be taken from highway appropriation to install a catch basin on Summer Ave., near Woburn St.

Art. 24. To see if the Town will raise and appropriate the sum of \$300 to drain surface water on Mt. Vernon St., near the residence of Francis J. Clark, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that \$300 be raised and appropriated to drain surface water on Mt. Vernon St., near the residence of Francis J. Clark.

Art. 26. To see if the Town will raise and appropriate the sum of \$550 to purchase an automobile for the use of the Superintendent of Streets, or what they will do in relation thereto.

It was voted to indefinitely postpone.

Art. 28. To see if the Town will appropriate the sum of \$2200 from the amount in the contingent account, the same to be applied in part toward the indebtedness maturing in 1914, or what they will do in relation thereto.

On motion of John H. Sheldon, it was voted to appropriate the sum of \$2200 from the amount in the contingent account, the same to be applied in part toward the indebtedness maturing in 1914.

Art. 29. To see if the Town will petition the director of the Bureau of Statistics for an audit of its accounts, in accordance with the provisions of Chap. 598, Acts of 1910, and amendments thereof, or what they will do in relation thereto.

Voted, to indefinitely postpone.



Art. 30. To see if the Town will instruct the School Committee regarding the use of soft coal in the school buildings, and vote to rescind its former action in relation to the same, or what they will do in relation thereto.

On motion of Charles A. Loring, it was voted to rescind the vote passed at town meeting Nov. 3, 1913, whereby the School Committee was instructed to use hard coal in all schoolhouses.

Art. 31. To see how much money the Town will raise and appropriate to extend the underground drain now running from Reading Square through Salem St. to John St., through Salem St. to ditch crossing said street, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the Selectmen be instructed to have a proper survey made and report at the next annual town meeting.

Art. 32. To see if the Town will raise and appropriate or otherwise provide \$12,000 to carry out the recommendations of the Playground Commission, or what it will do in relation thereto.

On motion of Charles A. Loring, it was voted to indefinitely postpone.

Art. 34. To see if the Town will raise and appropriate the sum of \$1000 for the purpose of macadamizing Haverhill St., beginning at the Wakefield line, provided the state appropriates a like amount, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted to indefinitely postpone this article.

Art. 35. To see if the Town will vote to authorize its representatives in the General Court to favor House Bill No. 299, a bill relative to the establishment of planning boards by towns of less than ten thousand inhabitants, or what they will do in relation thereto.

On motion of Jesse W. Morton, it was voted that its Representatives in the General Court be requested to support House Bill No. 299, to establish planning boards in towns of less than 10,000 inhabitants.

Art. 36. To see if the Town will raise and appropriate the sum of \$650 to drain surface water on Warren and Centre Avenues and Minot St., or what they will do in relation thereto.

It was voted, on motion of Otis B. Ruggles, that the Selectmen be instructed to have proper survey made and report at the next annual town meeting.

Art. 37. To see if the Town will raise and appropriate the sum of \$85 to drain surface water on Avon St., near Main St., or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that \$85 be taken from the highway appropriation to drain surface water on Avon St., near Main St.

Art. 38. To hear and act on the report of the Board of Selectmen on the laying out of Prescott St., and see if the Town will raise and appropriate the sum of \$700 for that purpose, or what they will do in relation thereto.

*Report of the Selectmen on the Laying Out of Prescott St.*

We, the subscribers, Selectmen of Reading, after giving due notice to all parties interested, have laid out for use of the Town as a public way, described as follows:

Prescott street, being an extension of the present street in the Town of Reading called Prescott street, and extending from West street to Summer Ave., and being bounded and described as follows, viz.: the northerly side of said street commences at a point on the easterly side of West street, which is south 22 degrees 41 minutes, west a distance of 19.33 feet from the stone bound at the beginning of the curve on West street which extends along the estate of Francis J. Bancroft, thence the line runs south 88 degrees

40 minutes east a distance of 188.24-100 feet crossing land of Francis J. Bancroft to an angle, thence north 89 degrees east a distance of 327.55 feet crossing land of Elmer J. Brown and John B. Lewis to an angle, thence north 77 degrees 23 minutes east a distance of 226.74 feet crossing land of John B. Lewis to an angle, thence north 70 degrees 17 minutes east a distance of 80.13 feet crossing land of Ethel M. Baker to an angle, thence north 72 degrees 48 minutes east a distance of 227.46 feet crossing land of Ethel M. Baker, Perkins Ave., Perkins Estate and of Willard S. Roberts to an angle, thence north 70 degrees 17 minutes east a distance of 337.75 feet crossing land of Willard S. Roberts, Copeland Ave., Fannie H. Bancroft and of Agnes C. Wade to a stake on the westerly line of Summer Ave.; said last mentioned point being north 16 degrees 5 minutes west a distance of 495.60 feet, from the stone bound at the intersection of the westerly line of Summer Ave. with the southerly line of Howard Street. The southerly line of said Prescott Street is parallel to and 50 feet southerly from the above described northerly line and extends along land of J. H. Knight heirs, Elmer J. Brown, John B. Lewis, Amanda J. Houghton, Charles A. Damon, Prescott R. Nichols, crossing Hill Crest Road and along land of James W. Roberts and Cora M. Nichols.

The attached plan made by Clarence E. Carter dated December, 1913, being a part of this report.

We recommend that the way be called Prescott St.

The above mentioned way is to conform to the lines shown in red on a plan made by Clarence E. Carter dated December, 1913.

We have estimated the cost of building said town way as \$200. We estimate the costs due to damages as \$500.

We recommend that when this report is accepted and adopted by the town that the said way shall thereafter be known as a public town way.

EDWIN L. HUTCHINSON  
JAMES W. KILLAM  
OTIS B. RUGGLES

February 14, 1914.

Selectmen of Reading.

On motion of Otis B. Ruggles, it was voted to accept and adopt the report of Selectmen on Prescott street, and that \$700 be raised and appropriated to pay land damage and lay out said Prescott street divided as follows

Laying out said street . . . . .	\$200 00
Francis J. Bancroft, land damage . . . . .	400 00
Ernest N. Dillaway, land damage . . . . .	100 00

Art. 38. We, the citizens and voters of the Town of Reading in town meeting assembled, do hereby vote to extend to Smith P. Burton, John B. Lewis, Elmer J. Bancroft and Ethel M. Baker a vote of thanks for their generosity in giving additional land to the Town for a public way to be known as Prescott street.

Art. 39. To see if the Town will raise and appropriate the sum of \$50 to furnish electricity for lighting G. A. R. Hall, Haven St., or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted to indefinitely postpone the subject matter of this article.

Art. 40. To see if the Town will raise and appropriate the sum of \$50 for the care of the Old South Clock, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted to appropriate from miscellaneous account \$50 for care of Old South Clock for fiscal year.

Art. 41. To see if the Town will raise and appropriate the sum of \$100 for electricity to illuminate the Old South Clock, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted to appropriate from miscellaneous account \$100 for electricity to light the Old South Clock for the fiscal year.

Art. 4. Voted to take from the table.

Mahlon E. Brande made a report of Committee on the reorganization of the Fire Department, which it was voted to accept and place on file.

Henry R. Johnson made a report for the Water Commissioners in regard to price to takers of water, which it was voted to accept.

Art. 4. Voted to lay this article on the table.

Art. 5. Voted to take from the table.

It was moved that the water rates be put back to those rates as made by the Water Commissioners on Jan. 1, 1913. The motion was lost.

Art. 5. Voted to lay this article on the table.

Art. 9. It was voted, on motion of Carl M. Spencer, to take this motion from the table :

On motion of Carl M. Spencer, it was voted that the sum of \$2,932.07 be raised and appropriated, the same to be expended by the Municipal Light Board for the payment of outstanding bills for construction Dec. 31, 1913, in accordance with the recommendations of the Finance Committee.

Voted, to adjourn to meet in Lyceum Hall on Monday, at 7.45 P. M., March 30, 1914.

MILLARD F. CHARLES, Town Clerk.

LYCEUM HALL, READING, MASS., March 30, 1914.

Pursuant to adjournment a town meeting was held in said Lyceum Hall and was called to order by Moderator George L. Flint.

Art. 42. To see what instructions the Town will give the Board of Selectmen in relation to filling the vacancies on the Finance Committee.

It was voted to instruct the Selectmen to fill all vacancies occurring on the Finance Committee.

Art. 8. Voted to take from the table.

On motion of Carl M. Spencer, it was voted that the subject matter of article 8 be referred to the Municipal Light Board, with authority to instal such lights as in their



judgment are necessary and to make such changes in the existing lights as may be advisable; and that \$1200 be raised and appropriated, to be expended under the direction of the Municipal Light Board.

Art. 7. Voted to take this article from the table.

It was voted, on motion of Carl M. Spencer, that \$4500 be raised and appropriated, and this amount together with \$804.83 of the unexpended balance Dec. 31, 1913, and the receipts of the plant for the current year, be appropriated for the operation, maintenance and repair of said plant and for the payment of bonds, notes and interest; the sum of \$6051.08 to be appropriated from the above for depreciation; and that for the purpose of providing funds for new construction of said plant, the Town Treasurer be authorized, with the approval of the Selectmen, to issue notes, bonds or other certificates of indebtedness of the Town for an amount not exceeding \$15,000, payable \$1000 each year from 1915 to 1929, inclusive, and bearing interest at a rate not exceeding 5 per cent., payable semi-annually, the proceeds of the same to be expended under the direction of the Municipal Light Board. Seventy-two voted in favor; two voted against.

Art. 4. Voted to take from the table.

The Board of Selectmen reported that at a conference with the officials of the Boston & Maine Railroad they could not see wherein they would be in a financial position to make the change in grade crossings at the present time.

On motion of Lewis M. Bancroft, it was voted to accept reports of town officers as printed, and also the report of the Finance Committee.

The Sewerage Committee reported progress, but as yet no definite action had been taken.

It was voted to adjourn sine die.

A true copy. Attest.

MILLARD F. CHARLES, Town Clerk..

## SPECIAL TOWN MEETING

LYCEUM HALL, READING, MASS., Sept. 14, 1914.

Pursuant to a warrant and the Constable's return thereon a meeting was held at the time and place therein specified.

Art. 1. To elect a Moderator to preside at said meeting. George L. Flint was duly elected Moderator.

Art. 2. To see what instructions the Town will give its Town officers.

Voted to lay Art. 2 on the table.

Art. 3. To see if the Town will vote to rescind that part of the vote passed at the adjourned town meeting, March 30, 1914, under article 7 of the warrant, which related to the borrowing of \$15,000 for new construction of the Municipal Light Plant, or what they will do in relation thereto.

On motion of Carl M. Spencer, it was voted that the part of the vote passed at the adjourned town meeting March 30, 1914, under article 7 of the warrant, which related to the borrowing of \$15,000 for new construction of the Municipal Light Plant, be now rescinded.

Art. 4. To see what sum of money the Town will vote to raise and appropriate or otherwise provide for the purpose of providing funds for additions and extensions to the Municipal Light Plant within the limits of the Town of Reading, or what they will do in relation thereto.

On motion of Carl M. Spencer, it was voted that the Town Treasurer be authorized, with the approval of the Selectmen, to issue notes, bonds or other certificates of indebtedness of the Town, for an amount not exceeding \$8,000, and payable \$500 each year from 1915 to 1930, inclusive, and bearing interest at a rate not exceeding 6 per cent., payable semi-annually, the proceeds of same to be expended under the direction of the Municipal Light Board

for enlargements and extensions to the Municipal Light Plant within the limits of the Town of Reading. Fifty-eight voted in favor; one voted against above motion.

Art. 5. To see if the Town will vote to instruct its Town Counsel to petition the next General Court for authority to borrow money for additions and extensions to that portion of the Municipal Light Plant which has been constructed in the towns of North Reading and Wilmington, and in that part of the Town of Lynnfield known as Lynnfield Centre, under authority conferred by Chap. 369 of the Acts of 1908, or what they will do in relation thereto.

On motion of Carl M. Spencer, it was voted that the Board of Selectmen be instructed to petition the next General Court for necessary legislation to enable the Town to borrow money for enlargements and extensions to that portion of the Municipal Light Plant which has been constructed in the towns of North Reading and Wilmington, and in that part of the town of Lynnfield known as Lynnfield Centre, under authority conferred by Chapter 369 of the Acts of 1908.

Art. 6. To see if the Town will amend the Building Laws heretofore adopted by substituting a new Section 3 for Section 3 already adopted.

On motion of Jesse W. Morton, it was voted that Sec. 3 of the By Laws relating to the construction of buildings be amended by substituting therefor a new Section 3 to read as follows:

Sec. 3. No building within the building limits as set forth in Sec. 8, except those which come under the provisions of the Revised Laws, Chap. 104, Sec. 22, and one story wooden buildings less than 10 feet square shall be erected, and no addition or alteration changing the character of any such building shall be made by any person unless he shall at first file with the Inspector plans and specifications or a full description of the proposed work; if the plans, specifications, or description so filed shall be in compliance



with the building limitations prescribed in these By Laws the Inspector shall forthwith issue a permit therefor.

The refusal of the Inspector to grant a permit as herein provided for shall be prima facie evidence that the proposed work is not in compliance with said building limitations.

Art. 7. To see if the Town will authorize its Town Accountant to transfer the sum of \$500 from the contingent fund to the highway appropriation, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the Town Accountant be and is hereby authorized to transfer the sum of \$200 from the appropriation for street oiling, and the sum of \$300 from the appropriation for street watering to the highway appropriation as recommended by the Finance Committee.

Art. 8. To see if the Town will authorize its Town Accountant to transfer the sum of \$350 from the contingent fund to the Town Building appropriation, for the purpose of installing new doors for use of the Fire Department, or what they will do in relation thereto.

On motion of Otis B. Ruggles, it was voted that the Town Accountant be and is hereby authorized to transfer the sum of \$350 from the contingent fund to the Town Building appropriation, for the installation of new doors for the use of the Fire Department, as recommended by the Finance Committee.

Art. 2. Voted to take from the table.

On motion of Lewis M. Bancroft, it was voted that the Selectmen be instructed to approve the bill of Prentiss & Viall, for \$280.61, against the Water Department, for workmen's compensation, that the Town Counsel has decided is legal. Thirty-five voted in favor and six voted against above motion.

It was voted to adjourn without date.

MILLARD F. CHARLES, Town Clerk.

Vote at Primaries for Candidates for State Election  
September 22, 1914

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REPUBLICAN PARTY

GOVERNOR

Samuel W. McCall, Myopia Road, Winchester . . . . .	215
Blanks . . . . .	22

LIEUTENANT GOVERNOR

Grafton D. Cushing, 20 Chestnut St., Boston . . . . .	137
August H. Goetting, 767 State St., Springfield . . . . .	47
Elmer A. Stevens, 103 Liberty Ave., Somerville . . . . .	30
Blanks . . . . .	23

SECRETARY

Frank L. Brier, 15 Saranac St., Boston . . . . .	55
William S. Kenney, 52 Westland Ave., Boston . . . . .	14
Albert P. Langtry, 242 Pearl St., Springfield . . . . .	133
Blanks . . . . .	35

TREASURER

Charles L. Burrill, 25 Chestnut St., Boston . . . . .	129
Frederick E. Pierce, 8 Franklin St., Greenfield . . . . .	74
Blanks . . . . .	34

AUDITOR

Alonzo B. Cook, 177 Ruggles St., Boston . . . . .	155
Joseph Monette, 265 Ames St., Lawrence . . . . .	41
Blanks . . . . .	41

ATTORNEY-GENERAL

Henry C. Atwill, 59 Ocean Ave., Lynn . . . . .	41
John A. Curtin, 68 Armory St., Brookline . . . . .	10
James M. Hallowell, 87 Reservoir St., Newton . . . . .	22
John J. Higgins, 10 Dartmouth St., Somerville . . . . .	94
James A. Stiles, 90 Highland St., Gardner . . . . .	22
Blanks . . . . .	40

## CONGRESSMAN, 5TH DISTRICT

John Jacob Rogers, 444 Andover St., Lowell . . . . .	212
Blanks . . . . .	25

## COUNCILLOR, 6TH DISTRICT

Henry C. Mulligan, 7 Highland St., Natick . . . . .	175
Blanks . . . . .	62

## SENATOR, 7TH MIDDLESEX DISTRICT

Charles A. Kimball, King St., Littleton . . . . .	180
Otto Reither, 15 Carnes St., Lynn . . . . .	19
Blanks . . . . .	38

## REPRESENTATIVES, 20TH MIDDLESEX DISTRICT

Henry L. Andrews, 12 Burlington St., Woburn . . . . .	106
Fred J. Brown, 37 Arlington Road, Woburn . . . . .	88
William F. Davis, Jr., 11 Arlington Road, Woburn . . . . .	18
Jared B. McLane, Park St., North Reading . . . . .	211

## COUNTY COMMISSIONER, MIDDLESEX COUNTY

Frederick P. Barnes, 351 Otis St., Newton . . . . .	67
Levi S. Gould, 280 Main St., Melrose . . . . .	124
Julius Meyers, 417 Green St., Cambridge . . . . .	10
Blanks . . . . .	36

## STATE COMMITTEE, 7TH MIDDLESEX DISTRICT

Louis Pfeiffer, South Road, Bedford . . . . .	179
Blanks . . . . .	58

## DELEGATES TO STATE CONVENTION

Louis Ellenwood, 10 Gould St. . . . .	201
James P. Carleton, 179 Summer Ave. . . . .	206
Solon Bancroft, 25 Sanborn St. . . . .	205
Arthur N. Mansfield, 107 Woburn St. . . . .	204

## TOWN COMMITTEE

James P. Carleton, 179 Summer Ave. . . . .	205
Jesse W. Morton, 114 Woburn St. . . . .	201

James W. Grimes, 141 Woburn St. . . . .	200
Louis Ellenwood, 10 Gould St. . . . .	199
Edgar O. Dewey, 76 Main St. . . . .	203
John F. Sawyer, 8 Arlington St. . . . .	198
Frederick L. Springford, 55 Middlesex Ave. . . . .	206
Carl M. Spencer, 39 Chute St. . . . .	204
Frank F. Strout, Mill St. . . . .	203
Harvey A. Bancroft, 17 Mineral St. . . . .	204
James M. Maxwell, Jr., 67 Salem St. . . . .	1
Blanks . . . . .	346

## DEMOCRATIC VOTE

## GOVERNOR

David I. Walsh, 251 Main St., Fitchburg . . . . .	34
Blanks . . . . .	3

## LIEUTENANT GOVERNOR

Edward P. Barry, 59 Thomas Park, Boston . . . . .	32
Blanks . . . . .	5

## SECRETARY

Frank J. Donahue, 15 Powelton Road, Boston . . . . .	34
Blanks . . . . .	3

## TREASURER

Frederick W. Mansfield, 91 Geneva Ave., Boston . . . . .	34
Blanks . . . . .	3

## AUDITOR

Frank H. Pope, 4 Blossom St., Leominster . . . . .	32
Blanks . . . . .	5

## ATTORNEY-GENERAL

Thomas J. Boynton, 60 Summer St., Everett . . . . .	32
Blanks . . . . .	5

## CONGRESSMAN, 5TH DISTRICT

J. Joseph O'Connor, 29 Wamesit St., Lowell . . . . .	31
Blanks . . . . .	6

## COUNCILLOR, 6TH DISTRICT

John J. Hogan, 145 Bowers St., Lowell . . .	29
Blanks . . . . .	8

## SENATOR, 7TH MIDDLESEX DISTRICT

Thomas. S. Cuff, 195 Moore St., Lowell . . .	12
Henry P. Dunn, 3 Light St., Lynn . . .	22
Blanks . . . . .	3

## REPRESENTATIVES, 20TH MIDDLESEX DISTRICT

Dennis P. Blake, 35 Houghton St., Woburn . .	20
William E. Kane, 4 Buckman St., Woburn . .	9
Edward W. Kenney, 333 Main St., Woburn . .	16
Thomas H. McGowan, 24 Lake Ave., Woburn . .	6
William P. Shea, 59 Water St., Woburn . . .	12
Millard F. Charles, 66 Bancroft Ave., Reading .	1
Owen McKenney, 116 John St., Reading . . .	1
Blanks . . . . .	9

## COUNTY COMMISSIONER, MIDDLESEX COUNTY

John J. Butler, 6 Bartley St., Wakefield . . .	17
Charles F. McCarthy, 64 Florence St., Marlborough	4
John B. McCloskey, 96 Sixth St., Cambridge . .	3
Peter J. McLaughlin, 345 Portland St., Cambridge	2
Michael M. O'Connor, 26 Woodbridge St., Cambridge	1
William H. Walsh, off Cochituate Road, Framingham	5
Blanks . . . . .	5

## STATE COMMITTEE, 7TH MIDDLESEX DISTRICT

William H. Small, 34 Summer St., Saugus . . .	26
Blanks . . . . .	11

## DELEGATE TO STATE CONVENTION

Thomas H. Barrett, off Ash St., Reading . . .	26
Blanks . . . . .	11

## TOWN COMMITTEE

Millard F. Charles, 66 Bancroft Ave. . . . .	30
Thomas H. Barrett, off Ash St . . . . .	31

John H. Whelton, 7 High St. . . . .	31
Owen McKenney, 116 John St. . . . .	30
Henry R. Johnson, Sanborn St. . . . .	29
Philip H. Reilly, 19 Middlesex Ave. Ext. . . . .	31
Henry M. Donegan, 58 Federal St. . . . .	31
John Connelly, 15 Minot St. . . . .	31
Daniel Cullinane, 119 Washington St. . . . .	33
George L. Flint, 42 Highland St. . . . .	29
John W. Haley, 65 Washington St. . . . .	31
Blanks . . . . .	70

## PROGRESSIVE PARTY

## GOVERNOR

Joseph Walker, 108 Upland Road, Brookline . . .	23
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## LIEUTENANT GOVERNOR

James P. Magenis, 190 Harvard St., Boston. . .	22
Blanks . . . . .	1

## SECRETARY

Russell A. Wood, 1691 Massachusetts Ave., Cambridge	22
Blanks . . . . .	1

## TREASURER

Daniel J. Murphy, 37 Milton St., Lawrence . .	21
Blanks . . . . .	2

## AUDITOR

Frederick P. Glazier, 12 Lincoln St., Boston . .	22
Blanks . . . . .	1

## ATTORNEY-GENERAL

John Hildreth, 1866 Northampton St., Holyoke .	21
Blanks . . . . .	2

## CONGRESSMAN 5TH DISTRICT

William N. Osgood, 613 School St., Lowell . .	20
Harrie C. Hunter, 132 Main St., Marlboro . .	1



## COUNCILLOR 6TH DISTRICT

Harrie O. Hunter, 132 Main St., Marlboro . . . . .	5.
Blanks . . . . .	18

## SENATOR 7TH MIDDLESEX DISTRICT

Allen Brooks Parker, Arlington St., Acton . . . . .	20
Blanks . . . . .	3

## REPRESENTATIVES 20TH MIDDLESEX DISTRICT

Jared B. McLane, Park St., North Reading . . . . .	20
Henry L. Andrews, 12 Burlington St., Woburn . . . . .	1
Leon L. Dorr, Woburn . . . . .	2
Blanks . . . . .	23

## COUNTY COMMISSIONER MIDDLESEX COUNTY

George A. Goodwin, 301 Brookline St., Cambridge . . . . .	18
Blanks . . . . .	5

## STATE COMMITTEE

Blanks . . . . .	23
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## DELEGATES TO STATE CONVENTION

Charles R. Herrick . . . . .	1
Chester W. MacDougall . . . . .	1
Adelbert E. Batchelder . . . . .	1
Blanks . . . . .	112

## TOWN COMMITTEE

Joseph S. Temple, 26 Salem St. . . . .	23
Frank K. Black, 40 Woburn St. . . . .	20
Chester W. MacDougall, 29 Sanborn St. . . . .	20
Charles S. Pratt, 243 Main St. . . . .	21
William J. Parsons, 134 High St. . . . .	23
Charles B. Harkness, 29 Highland St. . . . .	23
Charles R. Herrick, 219 Pearl St. . . . .	22
Adelbert E. Batchelder, 69 Franklin St. . . . .	22
Frank W. Young, 19 Highland St. . . . .	23
Blanks . . . . .	10



The votes were counted and declared in open town meeting and sealed and delivered to the Town Clerk.

It was then voted to adjourn.

MILLARD F. CHARLES, Town Clerk.

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READING, October 29, 1914.

The By-Laws for the Construction of Buildings are approved on this day.

THOMAS J. BOYNTON, Attorney General.

I certify that the approval of By-Laws for Construction of Buildings as approved by the Attorney General of this Commonwealth was this day received by me, and recorded in the records of the Town of Reading.

Reading, Mass., Oct. 29, 1914.

MILLARD F. CHARLES, Town Clerk.

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## ANNUAL STATE ELECTION, NOVEMBER 3, 1914

### GOVERNOR

Alfred H. Evans of Hadley	.	.	.	.	.	10
Samuel W. McCall of Winchester	.	.	.	.	.	713
Arthur E. Reimer of Boston	.	.	.	.	.	4
Samuel C. Roberts of Springfield	.	.	.	.	.	8
Joseph Walker of Brookline	.	.	.	.	.	107
David I. Walsh of Fitchburg	.	.	.	.	.	220
Blanks	.	.	.	.	.	10

### LIEUTENANT GOVERNOR

Edward P. Barry of Boston	.	.	.	.	.	203
Grafton D. Cushing of Boston	.	.	.	.	.	727
Arthur Howard of Salem	.	.	.	.	.	10
James P. Magenis of Boston	.	.	.	.	.	103

Sylvester J. McBride of Watertown . . . .	6
Patrick Mulligan of Boston . . . .	3
Blanks . . . .	20

## SECRETARY

Percy B. Ball of North Attleboro . . . .	8
Frank J. Donahue of Boston . . . .	199
James W. Holden of New Bedford . . . .	5
Albert P. Langtry of Springfield . . . .	701
William G. Merrill of Malden . . . .	11
Russell A. Wood of Cambridge . . . .	116
Blanks . . . .	32

## TREASURER

Charles L. Burrill of Boston . . . .	697
Joseph M. Caldwell of Milford . . . .	9
Frederick Fosdick of Fitchburg . . . .	102
Thomas A. Frissell of Hinsdale . . . .	13
Karl Lindstrand of Lynn . . . .	3
Frederick W. Mansfield of Boston . . . .	215
Blanks . . . .	33

## AUDITOR

Alonzo B. Cook of Boston . . . .	673
Daniel R. Donovan of Springfield . . . .	9
John Drysdale of No. Adams . . . .	9
Frederick P. Glazier of Hudson . . . .	102
Fred E. Oelcher of Peabody . . . .	4
Frank H. Pope of Leominster . . . .	226
Blanks . . . .	49

## ATTORNEY GENERAL

Henry C. Attwill of Lynn . . . .	696
Thomas J. Boynton of Everett . . . .	214
John Hildreth of Holyoke . . . .	100
Howard B. Rand of Haverhill . . . .	5
John Weaver Sherman of Boston . . . .	9
William Taylor of Worcester . . . .	2
Blanks . . . .	46

## CONGRESSMAN 5TH DISTRICT

J. Joseph O'Connor of Lowell . . . . .	164
William N. Osgood of Lowell . . . . .	93
John Jacob Rogers of Lowell . . . . .	786
Blanks . . . . .	29

## COUNCILLOR 6TH DISTRICT

John J. Hogan of Lowell . . . . .	196
Harrie O. Hunter of Marlborough . . . . .	160
Henry C. Mulligan of Natick . . . . .	652
Blanks . . . . .	64

## SENATOR 7TH MIDDLESEX DISTRICT

Henry P. Dunn of Lynn . . . . .	197
Charles A. Kimball of Littleton . . . . .	710
Allen Brooks Parker of Acton . . . . .	122
Blanks . . . . .	43

## REPRESENTATIVES IN GENERAL COURT 20TH MIDDLESEX DISTRICT

Dennis P. Blake of Woburn . . . . .	187
Fred J. Brown of Woburn . . . . .	704
Edward W. Kenney of Woburn . . . . .	174
Jared B. McLane of No. Reading . . . . .	763
Henry R. Johnson of Reading . . . . .	1
George L. Flint of Reading . . . . .	1
Blanks . . . . .	314

## COUNTY COMMISSIONER, MIDDLESEX COUNTY

George A. Goodwin of Cambridge . . . . .	134
Levi S. Gould of Melrose . . . . .	676
Charles F. McCarthy of Marlborough . . . . .	196
Blanks . . . . .	66

Shall an Act passed by the General Court in the year 1914 entitled an Act relative to vacations of laborers employed by cities and towns be accepted ?

Those voting yes . . . . .	435
Those voting no . . . . .	318
Those voting blanks . . . . .	319

Shall Chapter 688 Acts of 1914 entitled an Act to make Saturday a half holiday for laborers, workmen and mechanics employed by or in behalf of the Commonwealth and otherwise to regulate their employment be accepted?

Those voting yes	.	.	.	.	.	.	.	533
Those voting no	.	.	.	.	.	.	.	259
Those voting blanks	.	.	.	.	.	.	.	274

Shall Chapter 790 Acts of 1914 entitled an Act to abolish the enrolment of members of political parties and to limit the membership of Ward and Town Committees be accepted?

Those voting yes	.	.	.	.	.	.	.	533
Those voting no	.	.	.	.	.	.	.	165
Those voting blanks	.	.	.	.	.	.	.	374

Voted to adjourn.

MILLARD F. CHARLES, Town Clerk.

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#### RECOUNT OF VOTES CAST FOR COUNCILLOR

Nov. 10, 1914

The votes cast for Councillor at the State Election held on Nov. 3, 1914, were recounted with the following result by the Board of Registrars on Nov. 10, 1914.

John J. Hogan of Lowell	.	.	.	.	.	.	195
Harrie O. Hunter of Marlborough	.	.	.	.	.	.	159
Henry C. Mulligan of Natick	.	.	.	.	.	.	650
Blanks	.	.	.	.	.	.	68

MILLARD F. CHARLES, Town Clerk.

COMMONWEALTH OF MASSACHUSETTS, COUNTY OF MIDDLESEX  
CITY OF WOBURN

In accordance with the provisions of Section 322, Chapter 835, Acts of 1913, the City Clerk of Woburn and the Town Clerks of Burlington, Reading, North Reading, and Wilmington, being the City and Town Clerks of every city and town in Representative District number twenty within said County, met at City Hall, Woburn, at noon on Friday, November 13th, A. D. 1914, being the tenth day succeeding the day of the State Election held on Tuesday, November 3rd, A. D. 1914, and then and there opened, examined and compared the copies of the records of votes cast at said election for the office of Representative, and determined therefrom that Fred J. Brown of Woburn and Jared B. McLane of North Reading were elected to the office of Representative.

The following is a schedule of the names of all persons for whom votes for Representative were given in said District and the number of votes given for each person, viz.:

Dennis P. Blake of Woburn, Fifteen hundred and forty-seven . . . . .	(1547)
Fred J. Brown of Woburn, Twenty-two hundred and twenty-nine . . . . .	(2229)
Edward W. Kenney of Woburn, Fourteen hundred and thirty-two . . . . .	(1432)
Jared B. McLane of North Reading, Twenty-two hundred and fourteen . . . . .	(2214)
Henry R. Johnson of Reading, One . . . . .	(1)
George L. Flint of Reading, One . . . . .	(1)
Defective, Ten . . . . .	(10)
Blanks, Twelve hundred and sixty . . . . .	(1260)
Total, Eight thousand six hundred and ninety-four . . . . .	(8694)

In witness whereof, we, the City Clerk of Woburn and the Town Clerks of Burlington, Reading, North Reading and Wilmington hereunto set our hands this thirteenth day of November, A. D. 1914.

BERNARD F. McHUGH, City Clerk, Woburn.

SELWYN H. GRAHAM, Town Clerk, Burlington.

MILLARD F. CHARLES, Town Clerk, Reading.

ARTHUR F. UPTON, Town Clerk, North Reading.

JAMES E. KELLEY, Town Clerk, Wilmington.

Reading Town Clerk's Office.

Received and recorded, Nov. 13, 1914.

Attest:

MILLARD F. CHARLES, TOWN CLERK.



## DOGS LICENSED DURING YEAR 1914

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Whole number of licenses issued	.	.	.	.	337
38 Female licenses at \$5.00	.	.	.	\$190 00	
299 Male licenses at \$2.00	.	.	.	598 00	
				\$788 00	
Total cash received	.	.	.	\$788 00	
Less fees for 337 licenses at 20 cents				67 40	
				\$720 60	
Total due County Treasurer	.	.		\$720 60	
Paid County Treasurer June 1, 1914	.			\$489 00	
Paid County Treasurer Dec. 1, 1914	.			231 60	
				\$720 60	
Total paid County Treasurer	.	.			\$720 60

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## HUNTERS' LICENSES ISSUED YEAR 1914

222 Hunters' Licenses	.	.	.	.	\$222 00
222 Hunters' Licenses fees at 15 cents	.	.	.	33 30	
				\$188 70	
Due Fisheries and Game Commission	.			\$188 70	
Paid Fisheries and Game Commission	.			\$188 70	

MILLARD F. CHARLES, Town Clerk.

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**BIRTHS, MARRIAGES AND DEATHS**

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# BIRTHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
Jan. 2	F	Alice Marie Gormlie .....	Charles F. and Bertha E. (Miller) Gormlie
Jan. 10	M	Harry Ruffie Foster .....	Harry R. and Carolyn M. (Belyea) Foster
Jan. 12	F	Muriel Pearl Lake .....	Arthur R. and Minnie H. (Upton) Lake
Jan. 15	F	Eleanor Margaret Quigley ....	Harvey and Elsie M. (Pratt) Quigley
Jan. 17	F	Marjorie Frances Rydant .....	Frank D. and Emma M. (Tattree) Rydant
Jan. 22	M	Charles Walter Frost .....	John E. and Sarah A. (Parker) Frost
Jan. 22	M	Fairbrother .....	Frank E. and Bessie F. (Fisher) Fairbrother
Jan. 25	F	Frances May Williams .....	Ralph B. and Florence L. (White) Williams
Jan. 26	M	Allan Buck Temple .....	Raymond B. and Marion F. (Buck) Temple
Feb. 8	F	Margaret Provenzano .....	Gaetano and Margaret (Andolina) Provenzano
Feb. 12	F	Irma May Bemis .....	Eugene M. and Ella M. (Booker) Bemis
Feb. 12	F	Anna Antonia Enos .....	Joseph G. and Adelaide (Oliver) Enos
Feb. 23	F	Hazel Eames Parker .....	Charles J. and Alta M. (Stevens) Parker
Feb. 23	M	Clayton Warren Thurston ....	Walter H. and Pearl M. (Warren) Thurston
Mch. 1	F	Julia May Hardy .....	Frank B. and Ida M. (LeGee) Hardy
Mch. 6	F	Arline Clayton Browne .....	George H. and Vergia I. (Clayton) Browne
Mch. 6	F	Helen Louise Morse .....	Merton C. and Lillian E. (Marr) Morse
Mch. 10	F	Louise Cook .....	Maurice and Dora (Truesdell) Cook
Mch. 10	F	Bettina Cook .....	Maurice and Dora (Truesdell) Cook
Mch. 12	F		
Mch. 14	M	Haskell Noyes Field .....	Elmer D. and Lucy A. (Noyes) Field
Mch. 15	F	Lillian M. Melonson .....	Sylvine and Isabel (Muse) Melonson
Mch. 18	M	Paul Gordon Castine .....	Simon and Elizabeth (Muse) Castine
Mch. 18	F	Ruth Livingstone .....	Leonard A. and Flora (Murrie) Livingstone
Mch. 24	F	Margaret Ann Philbin .....	Thomas and Ellen B. (Grady) Philbin
Apr. 15	F	Doris Pauline Murphy .....	Henry A. and Jennie (Eldredge) Murphy
Apr. 20	F	Elinor Frances Wheeler .....	Frank M. and Elsie R. (White) Wheeler
Apr. 23	F	Zelma Louise Habalow .....	Samuel and Cecelia (Daitelswieg) Habalow
Apr. 23	M	Richard Hawes Joslyn .....	Theodore G. and Rowena A. (Hawes) Joslyn
Apr. 23	M	Newell Williams Clarke .....	William R. and Victoria M. (Stock) Clarke
Apr. 24	M	Joseph H. Mercereaux .....	Harry E. and Louise E. (White) Mercereaux
Apr. 24	M	Kenneth Gray Horton .....	Wendell B. and Lucy (Glidden) Horton
May 2	M	William Mellen Ingalls .....	George J. and Mary H. (Mellen) Ingalls
May 3	F	Harriet Parker Ellison .....	Louis E. and Bessie M. (Parker) Ellison
May 6	M	Lewis Wellington Newhouse ..	Wm. W. and Margaret L. (Richardson) Newhouse
May 9	M	Albert Leslie Jones .....	Albert L. and Katherine M. (McCarthy) Jones
May 9	M	George Louis Dulong .....	George L. and Olive A. (Turner) Dulong
May 11	M	Leslie Frank Richardson .....	Floyd and Alice (Heseltun) Richardson
May 13	F	Margaret Dianna Magee .....	Wilford R. and Mollie E. (McKenna) Magee
May 14	M	Donald Chase Wescott .....	Joseph H. and Helen (Ersline) Wescott
May 17	M	Robert Lincoln Lowell .....	Robert D. and Lillian F. (Hanson) Lowell
May 17	M	Harold Alton Rollins .....	Ernest E. and Ida M. (Pond) Rollins
May 19	F	Helen Beedleson Mitchell .....	Thomas A. and Ina G. (Beedleson) Mitchell
May 19	F	Muriel Eaton Bell .....	John A. and Alice M. (Eaton) Bell
May 19	F	Thelma Marie Riessle .....	Herman L. and Margaret A. (McGill) Riessle
May 28	F	Lillian Ruth Williams .....	William D. and Ella (Rodgers) Williams
May 29	M	Edward Converse Hodson .....	Alexander W. and Delia (Converse) Hodson
June 4	F	Anna Marion Reck .....	Charles E. and Anna (Anderson) Reck
June 5	M	Elmer Montague Sturtevant ..	Walter E. and Mary (Montague) Sturtevant
June 5	M	William Leo Schwarz .....	Benedict J. and Laura (Doucette) Schwarz
June 5	F	Florence May Staples .....	Fred and Nellie (Gowing) Staples
June 9	M	Nathan Prail .....	Myer and Rosa (Trailer) Prail
June 13	F	June Eleanor Clark .....	Joseph R. N. and Ermina J. (Smith) Clark
June 17	F	Lillian Irene Richmond .....	Alexander and Georgia A. (Putnam) Richmond
June 26	M	Clarence Edmund Muse .....	Dennis L. and Rosanna (Doucette) Muse
June 29	F	Caroline Winnifred Arseneault ..	Ralph and Cecelia M. (Martin) Arseneault

# BIRTHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
July 8	F	Beatrice Annette Heath .....	Fred P. and Beatrice M. (Batchelder) Heath
July 10	M	Joseph Harold McCaughey....	Joseph and Alice (Martin) McCaughey
July 12	F	Marion Nancy Marr.....	Fred A. and Elise (Ryan) Marr
July 14	M	Robert N. Doucette .....	Norman and Eva (Doucette) Doucette
July 19	M	Thomas Joseph Farley.....	Thomas J. and Annie (Sheridan) Farley
July 20	M	Gertrude Elizabeth Doucette	Robert E. and Mary L. (Doucette) Doucette
July 30	F		
Aug. 1	F		Reginald and Isabel (De Veau) Amiro
Aug. 3	M		
Aug. 4	M		
Aug. 5	M		
Aug. 5	F	Marion Kirkland Alger .....	Paul E. and Mabel A. (Puffer) Alger
Aug. 6	F	Ethel Frances White .....	George A. and Margaret A. (Quinn) White
Aug. 24	M	Alden Whitney Carpenter ....	Adelbert S. and Geneveret (Quick) Carpenter
Sept. 8	M	Ralph Joseph Clements .....	Thomas and Emma (Vacon) Clements
Sept. 15	M	James Robert Gaw.....	George D. and Jennie I. (Carr) Gaw
Sept. 16	M	Joseph Edward Buote.....	J. Arthur and Margaret (Martin) Buote
Sept. 17	M	Stanley Newton Hall.....	Henry L. and Lou B. (Phillips) Hall
Sept. 18	M	Warren Cadmus Spare.....	Robert H. and Nellie M. (Hood) Spare
Sept. 19	F	Mary Elizabeth O'Keefe .....	Daniel J. and Bridget (McDonough) O'Keefe
Sept. 20	F	Dorothy Elizabeth Eaton .....	Grover C. and Eleanor (Best) Eaton
Sept. 26	F	Ruth Ainsworth .....	Frederick and Bertha N. (Parker) Ainsworth
Sept. 27	F	Clarimond Bailey Hackett ....	William B. and Marion (Coolidge) Hackett
Oct. 4	M	Walter Francis Lewis.....	James E. and Margaret E. (Donahue) Lewis
Oct. 6	M	Terrance John Babine ... ..	Louis C. and Mary A. (Muse) Babine
Oct. 8	M		
Oct. 9	F	Virginia Frances Burgess.....	Winthrop N. and Essie F. (MacDonald) Burgess
Oct. 16	F		
Oct. 20	F	Eleanor Frances Holmes.....	Henry J. and Martha A. (White) Holmes
Oct. 22	F		
Oct. 24	F	Mary Rita White.....	Albert J. and Ida M. (Castine) White
Nov. 6	F	Mary Eleanor Haines .....	Frank O. and Marion (Brown) Haines
Nov. 13	M	Albert Harrison Avery .....	Elwin H. and Lillian E. (Chapman) Avery
Nov. 23	M	Russell William Burbine.....	John A. and Lavinia (Colford) Burbine
Dec. 1	F	Janet Davis Jeffrey.....	Percy and Amy (Saunders) Jeffrey
Dec. 4	M	Raymond Richmond Heselton..	Charles H. and Minnie (Porter) Heselton
Dec. 6	M	Rolland Henry Gray .....	Robert G. and Bertha L. (Parker) Gray
Dec. 7	F	Barbara Wilkins Ives .....	George W. and Ida M. (Smith) Ives
Dec. 12	M	Carl Edward Holden .....	Lewis C. and Grace H. (Milbury) Holden
Dec. 16	F	Marion Beatrice Gould .....	Sydney C. and Emmie P. (Batten) Gould
Dec. 17	F	Nathalie Madeline Smith..	Alfred B. and Catherine (Burke) Smith
Dec. 18	F	Phoebe Caroline Hatch .....	Horace J. and Sarah (White) Hatch
Dec. 18	M	Winston Laroy Nichols.....	Chester L. and Gladys E. (Willis) Nichols
Dec. 20	M	Francis Philip Quinn.....	Philip L. and Caroline N. (Wakely) Quinn
Dec. 23	M	Lawrence Morris.....	John E. and Frances (Melonson) Morris

## BIRTHS IN OTHER YEARS CORRECTED AND OMITTED

1886			
Oct. 15	F	Genevra Herbetine Danforth..	Alfred W. and Alice A. (Eaton) Danforth
1910			
Feb. 27	F	Lillian Gallant .....	Clifford and Agnes (Arseneault) Gallant
1912			
Dec. 20	F	Irene Evelyn Doucette.....	John J. and Marion E. (Frotten) Doucette

## BIRTHS IN OTHER YEARS CORRECTED AND OMITTED

DATE	SEX	NAME OF CHILD	NAME OF PARENTS
1913			
Feb. 4	F	Haines.....	Edward J. and Lois R. (Van Amringe) Haines
May 16	M		
May 25	M	John Harvey Holden.....	Archie H. and Alice E. (Wickens) Holden
May 30	M	Chisholm Arthur Gallant .....	John J. and Madeline (Doucette) Gallant
May 29	M	James Joseph Haley .....	Timothy J. and Esther G. (Champagne) Haley
Sept. 28	M	Lawrence Richmond Heselton	Carl D. and Mary L. (Jaquard) Heselton)
Nov. 4	F	Mary Elizabeth Lewis .....	James E. and Margaret E. (Donahue) Lewis
Nov. 7	F	Jean Marshall. ....	Douglas B. and Alice (Bennett) Marshall
Dec. 23	F		
Dec. 31	M	Charles H. Sullivan .....	Charles L. and Maud (Lafy) Sullivan

Whole number of Births, 116. Males, 57; Females, 59. Nativity of parents: American born Males, 78; American born Females, 79; Foreign born Males, 34; Foreign born Females, 34.

# MARRIAGES REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	BIRTHPLACE
Jan. 11	Walter M. Pierce.....	22	Fireman .....	Sandy Hook, N. J.
	Mildred V. Perkins.....	20	None .....	Reading, Mass.
Jan. 12	Albert White .....	23	Water Works.....	Woburn, Mass.
	Emily A. Castine.....	19	Laundry .....	Nova Scotia
Jan. 20	Richard H. Ainsworth.....	18	Driver .....	Fall River, Mass.
	Seraphine Turner .....	19	None .....	Reading, Mass.
Feb. 1	Reginald Amiro.....	21	Barber.....	Nova Scotia
	Mary Isabella Deveau.....	19	Domestic .....	Nova Scotia
Feb. 4	Clarence E. McIntire.....	23	Machinist.....	Reading, Mass.
	Elsie May Brown .....	19	None .....	Reading, Mass.
Feb. 4	John F. Ames.....	48	Letter Carrier.....	Canastota, N. Y.
	Lizzie B. (Ames) Humphrey.....	44	None .....	McKeesport, Pa.
Feb. 19	Arthur N. Newhall.....	40	Manufacturer .....	Stoneham, Mass.
	Mary Lillian McKenna.....	36	At Home .....	Woburn, Mass.
Mch. 12	Eben Gammell .....	27	Salesman .....	Canada
	Genevieve Domaine.....	27	Nurse.....	Canada
Mch. 24	Leon F. MacDonald.....	18	Clerk .....	Wilmington, Mass.
	Ruby L. Nichols.....	18	Box Maker.....	St. Johnsbury, Vt.
Mch. 28	Edwin A. Cutter.....	72	None .....	Newburyport, Mass.
	Clara M. Bell.....	47	Housekeeper .....	Andover, Mass.
Apr. 2	Chester L. Nichols .....	22	Salesman .....	Cambridge, Mass.
	Gladys E. Willis.....	20	At Home.....	Nova Scotia
Apr. 14	John Francis Ames, Jr.....	24	Shipper .....	Boston, Mass.
	Ruth Eliza Humphrey.....	16	Stitcher .....	Orion, Mich.
Apr. 16	Chester Thomas Clark .....	24	Landscape Gardener ..	Waltham, Mass.
	Edna M. Smith.....	23	At Home.....	Leominster, Mass.
Apr. 27	James J. Carey.....	22	Mill Hand .....	Providence, R. I.
	Ida N. Bonnelly .....	25	None .....	East Greenwich, R. I.
May 3	George Albert White.....	24	Mill Worker .....	Reading, Mass.
	Margaret Agnes Quinn.....	21	Mill Worker.....	Wakefield, Mass.
May 5	Gordon G. Jones .....	23	Salesman.....	McLose, Mass.
	Mary L. Forbes .....	23	Secretary.....	Reading, Mass.
May 6	John Francis Madden.....	39	Express Driver.....	Boston, Mass.
	Agnes Church Tucker .....	27	Bookkeeper.....	Boston, Mass.
May 15	Louis Stanley Harris.....	24	Driver .....	Roxbury, Mass.
	Anna Josephine Winnegren.....	22	Housemaid .....	Fitchburg, Mass.
May 17	Clarence James Murphy .....	22	Salesman.....	E. Boston, Mass.
	Flora May Waterman .....	20	Housework .....	Greenfield, Mass.
May 24	Leo G. Jackson .....	22	Performer.....	E. Boston, Mass.
	Minnie R. White .....	22	Performer.....	Reading, Mass.
May 29	Walter Lawrence Claflin.....	24	Salesman.....	Winchester, Mass.
	Mildred Davis .....	29	Stenographer.....	Winchester, Mass.
May 29	Frederick Hausler .....	28	Machinist.....	Providence, R. I.
	Frances M. Hemmingway.....	19	Shoe Worker .....	Winchester, Mass.
June 6	Charles H. Gowing.....	55	Painter.....	Wilmington, Mass.
	Hattie M. Putnam.....	39	None .....	Reading, Mass.
June 16	Joseph Edward Meuse.....	24	Carpenter .....	Wakefield, Mass.
	Elizabeth McCravan.....	25	At Home .....	Winchester, Mass.
June 17	Herbert John Wooldridge.....	23	Electrician.....	Wakefield, Mass.
	Dotty May Hodson .....	25	Bookkeeper.....	Reading, Mass.
June 17	John Joseph Curley.....	28	Inspector.....	Boston, Mass.
	Maybelle Angela Sanborn.....	27	At Home.....	Lowell, Mass.
June 18	Scott Armond Bullard .....	27	Chauffeur.....	Concord, N. H.
	Charlotte Gould Woods .....	21	At Home .....	Jaimeia Plain, Mass.
June 20	Christopher W. Balsor.....	38	Farmer.....	Nova Scotia
	Elaine F. Smith.....	25	Housekeeper.....	Stowe, Me.
June 22	Carl E. Yost .....	31	Electrician.....	Westvale, Mass.
	Clara A. Clancy.....	30	Shoe Operative .....	Lawrence, Mass.



# MARRIAGES REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	BIRTHPLACE
June 24	Linwood Alden Rogers .....	25	Meat Cutter .....	Orleans, Mass.
	Evelyn Merrill .....	23	Clerk .....	Wakefield, Mass.
June 24	Adoniram Judson Leach .....	54	State Agent .....	Tisbury, Mass.
	Mary Kennedy .....	37	Teacher .....	Ireland
June 24	Edgar William Becker .....	26	Plumber .....	Saleni, Mass.
	Mary Gertrude Barton .....	22	Bookkeeper .....	Plymouth, Mass.
June 27	Frank Hittl .....	37	Salesman .....	Malden, Mass.
	Celia E. Horton .....	26	None .....	Eastham, Mass.
June 27	William L. Esterberg .....	25	Teacher .....	Cambridge, Mass.
	Anna V. Brown .....	22	Clerk .....	Wakefield, Mass.
June 27	J. Earle Magee .....	27	Carpenter .....	Unity, Me.
	Delia C. Coyne .....	32	Laundress .....	Ireland
June 29	James F. McGrath, Jr. ....	26	Merchant .....	Brighton, Mass.
	Agnes F. Barrett .....	26	Music Teacher .....	Reading, Mass.
June 30	Frank Fairhurst .....	22	Printer .....	Somerville, Mass.
	Eliza F. Curtis .....	21	None .....	No. Wcburn, Mass.
June 30	Trevor A. Cushman .....	28	Asst. Manager .....	Brookline, Mass.
	Nina E. Brigham .....	26	Stenographer .....	Norwich, Vt.
June 30	George C. Boorn .....	28	Clergyman .....	Decatur, N. Y.
	Annie M. Jenkins .....	28	Teacher .....	Beverly, Mass.
June 30	George S. Drake .....	50	Merchant .....	W. Bridgewater, Mass.
	Lena C. Hamblett .....	39	None .....	W. Bridgewater, Mass.
June 30	Edgar M. Gilman .....	22	Brakeman .....	Reading, Mass.
	Edith May Biggs .....	22	Clerk .....	Wakefield, Mass.
July 14	Waldo N. Reeves .....	21	Cabinet Maker .....	Everett, Mass.
	Laura Vidito .....	23	At Home .....	Newton, Mass.
July 17	William J. Fraser .....	31	Miner .....	Antigonish, N. S.
	Minnie Livingstone .....	31	Nurse .....	Boxford, Mass.
Aug. 20	Ralph H. Brown .....	23	Clerk .....	Woburn, Mass.
	Caroline W. Bartlett .....	17	Shoemaker .....	Gorham, Me.
Aug. 22	Martin E. Hoffman .....	29	Electrician .....	Westley, Pa.
	Mary Margaret Scott .....	24	Housework .....	Newfoundland
Aug. 30	John A. Doucette .....	23	Carpenter .....	Reading, Mass.
	Luella E. Roberts .....	22	Housework .....	Winslow Road, P. E. I.
Sept. 5	Nelson Raymond Weston .....	25	Plumber .....	Reading, Mass.
	Helen Mildred Eaton .....	23	Milliner .....	No. Reading, Mass.
Sept. 6	Herbert Roy Wright .....	21	Carpenter .....	Peabody, Mass.
	Mary Josephine White .....	23	Mill Hand .....	Reading, Mass.
Sept. 8	Harvey C. Shepard .....	25	Farmer .....	E. Livermore, Me.
	Helen Adams .....	18	Student .....	Belgrade, Me.
Sept. 14	Cecil Perley Whitton .....	23	Salesman .....	Pittsfield, Me.
	Julia Louise Fay .....	20	Bookkeeper .....	Wakefield, Mass.
Sept. 14	Ira E. Bumpus .....	26	Cashier .....	Stoneham, Mass.
	Ivy Belle Gilbert .....	23	At Home .....	Stoneham, Mass.
Sept. 16	Theodore Asa Guild .....	28	Salesman .....	Melrose, Mass.
	Helen Thatcher Farley .....	27	Bookkeeper .....	Chelsea, Mass.
Sept. 16	John M. Lamb .....	27	Salesman .....	Boston, Mass.
	Edna F. Simmons .....	29	Musician .....	Boston, Mass.
Sept. 19	Alfred Wallace Chesley .....	23	Salesman .....	Wakefield, Mass.
	Marion Loretta Haag .....	20	Bookkeeper .....	Reading, Mass.
Sept. 21	Howard N. Stropole .....	26	Lineman .....	Nova Scotia
	Laura E. Stanley .....	23	Shoe Worker .....	Quebec
Sept. 22	James Albert LeFave .....	21	Painter .....	Reading, Mass.
	Mary Rose Robichiau .....	20	At Home .....	Nova Scotia
Sept. 23	George A. Thompson .....	27	Building Mover .....	Haverhill, Mass.
	Bertha L. Wickens .....	23	Bookkeeper .....	Reading, Mass.
Sept. 24	Ernest Avard Wright .....	29	Blacksmith .....	Clementsport, N. S.
	Alice Hildreth Fernald .....	27	Teacher .....	Franklin, Mass.
Sept. 26	William A. Young .....	40	Shoe Worker .....	Boston, Mass.
	Margaret Mann .....	22	At Home .....	Blackstone, Mass.
Sept. 28	John J. Sing .....	23	Clerk .....	Swanton, Vt.
	Elizabeth F. Lowe .....	23	None .....	Manchester, N. H.

# MARRIAGES REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	BIRTHPLACE
Sept. 29	Samuel D. Rounds .....	30	Dentist .....	Boston, Mass.
	Mae L. Leonard .....	29	At Home .....	Shutesbury, Mass.
Oct. 11	Arthur B. Callan .....	27	Salesman .....	Wakefield, Mass.
	Hermine A. Smith .....	25	None .....	No. Reading, Mass.
Oct. 11	Joseph Gallant .....	41	Mill Hand .....	P. E. I.
	Sadie White .....	42	Housework .....	Nova Scotia
Oct. 14	Charles W. White .....	29	Laborer .....	Wilmington, Mass.
	Ellien M. Desmond .....	39	Housework .....	Ireland
Oct. 31	Frederick J. Estes .....	33	Mail Carrier .....	Oakland, Iowa
	Grace S. Gifford .....	22	None .....	So. Westport, Mass.
Nov. 22	Adolphus White .....	25	Mill Hand .....	Nova Scotia
	Lora Doucette .....	19	Housework .....	Nova Scotia
Nov. 23	Albert Castine .....	23	Carpenter .....	Reading, Mass.
	Josephine Collins .....	13	At Home .....	Nova Scotia
Nov. 24	Patrick J. Barrett .....	55	Conductor .....	Lawrence, Mass.
	Julia Louise Flanley .....	45	At Home .....	Wakefield, Mass.
Nov. 24	John H. Whelton .....	47	Foreman .....	Reading, Mass.
	Nora L. Sheehan .....	31	Dressmaker .....	Norwell, Mass.
Nov. 26	John T. Maher .....	23	Am. Ex. Porter .....	Newfoundland
	Mildred Robbins .....	21	At Home .....	Nova Scotia
Nov. 26	Carl Howard Hoyt .....	24	Tool Maker .....	Danbury, Ct.
	Florence Marguerite Doucette .....	23	Stitcher .....	Reading, Mass.
Nov. 29	William Rich Millbury .....	25	Electrician .....	Reading, Mass.
	Eva Jane (Cloudman) Millbury .....	24	Dressmaker .....	New Hampton, N. H.
Dec. 5	John M. Cummings .....	42	Salesman .....	Andover, Mass.
	Jeanette C. Wells .....	46	At Home .....	Augusta, Me.
Dec. 13	Clarence R. Eldridge .....	17	Telegraph Operator .....	Wakefield, Mass.
	Alathea E. Packer .....	20	Necktie Maker .....	Hyannis, Mass.
Dec. 24	Maurice E. Stowell .....	32	Shipper .....	Dunstable, Mass.
	Nettie E. Newhall .....	29	Box maker .....	Stoneham, Mass.
Dec. 25	Percy Warren Curtis .....	23	Clerk .....	Wakefield, Mass.
	Alberta McCrum .....	22	At Home .....	Reading, Mass.
Dec. 30	John E. Wright .....	21	Bleacher .....	England
	Elizabeth MacLeod .....	23	Bookkeeper .....	Lowell, Mass.
Dec. 30	James B. Monahan .....	43	Conductor .....	Wallingford, Vt.
	Helen A. Surette .....	21	Telephone Operator .....	Reading, Mass.
Dec. 30	Fred Hall White .....	35	Photographer .....	Jacksonville, Ill.
	May Eloise Rice .....	23	Stenographer .....	West Dover, Vt.

Whole number of marriages, 79. American born; Males 70; Females 65. Foreign born; Males, 9; Females 14.

# DEATHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	NAME	Y	M	D	CAUSE OF DEATH
1913					
Dec. 23					
1914					
Jan. 2	Emma E. Nichols.....	70	4	15	Carcinoma
Jan. 3	Aaron A. Morse.....	53	6	8	Mitral Stenosis
Jan. 9	William F. W. Griffin.....	29	1	22	Chronic Nephritis
Jan. 9	Lucy A. Foster.....	70	3	29	Apoplexy
Jan. 12	Camilla M. Whitehead.....	45	1	21	Cancer of Lungs
Jan. 15	Henry Bunker.....	56	0	0	General Paralysis
Jan. 26	Sarah K. Bailey.....	79	0	6	Cerebral Hemorrhage
Feb. 3	Annie W. Bogart .....	75	6	6	Gastric Carcinoma
Feb. 11	Elmer H. Cloudman.....	18	6	21	Pulmonary Tuberculosis
Feb. 12	Rufus Clement Eames.....	64	6	25	Valvular Disease of Heart
Feb. 13	William H. H. Laws.....	69	11	28	Diabetes
Feb. 15	Eva A. Emerson.....	31	0	11	Acute Nephritis
Feb. 16	Annie A. Dunway.....	63	0	0	Pellagra
Feb. 24	Sophia A. Sweetser.....	99	0	7	Senile Dementia
Feb. 25	George Louis Stillings.....	86	7	10	Valvular Disease of Heart
Feb. 28	Eleanor H. Pillsbury... ..	78	5	1	Heart Disease
Mch. 2	Helen Zanni .....	1	9	0	Broncho Pneumonia
Mch. 3	Lucy Lewis.....	72	0	6	Senile Dementia
Mch. 9	Jessie May Goodwin.. ..	4	3	5	Accidental Burns
Mch. 12					
Mch. 12	Joseph E. Long.....	72	5	12	Myocarditis
Mch. 13	Alverde H. Parker .....	38	7	15	Meningitis
Mch. 14	Mary A. Gilman.....	87	0	14	Cerebral Hemorrhage
Mch. 17	August Olson.....	74	0	0	Epilepsy
Mch. 22	Helen E. Wight.....	74	11	7	Lobar Pneumonia
Mch. 22	Frank Everett Dalton....	33	9	13	Pleuro Pneumonia
Mch. 27	Lillian Gallant.....	4	1	0	Scarlet Fever
Mch. 28	Anastatia P. Stevens.....	73	11	24	Arterio Sclerosis
Mch. 28	Martha L. Eaton.....	67	0	0	Senile Dementia
Mch. 28	Luther G. Howard.....	91	8	9	Cerebral Hemorrhage
Mch. 28	Robert Hodson .....	93	1	2	Valvular Disease of Heart
Mch. 31	Sarah H. Pillsbury.....	82	2	8	Valvular Disease of Heart
Apr. 1	Eliza Gleason.....	88	2	9	Fracture of Hip
Apr. 2	Mary E. Welch.....	41	2	27	Apoplexy
Apr. 3	Orne Green.....	75	1	17	Lobar Pneumonia
Apr. 14	Abbie F. Clark.....	43	3	20	Carcinoma of Stomach
Apr. 17	Willard C. Barrett .....	60	1	17	Cerebral Apoplexy
Apr. 22	Elmer S. Harris.....	71	8	11	Cerebral Hemorrhage
Apr. 24	Margaret O. Pinkham.....	81	5	21	Carcinoma
Apr. 26	Amalia H. L. Grover.....	52	5	6	Mitral Insufficiency
Apr. 27	Hannah E. Lombard.....	84	7	14	Lobar Pneumonia
Apr. 28	Helen E. Young.....	67	3	15	Lobar Pneumonia
Apr. 30	William H. Young.....	60	1	16	Lobar Pneumonia
May 2	H. Laura Pratt.....	80	8	23	Broncho Pneumonia
May 2	Sarah W. Goodridge.....	75	3	18	Stricture of Oesophagus
May 7	Louisa F. Maxwell.....	40	8	2	Chronic Nephritis
May 8	Susie Akerley.....	53	2	6	Nephritis
May 11	Mary Ellis.....	70	2	4	Gastric Carcinoma
May 12	George L. Dulong .....	0	0	4	Hemorrhagis
May 18	Mabel F. Tukey.....	41	11	5	Valvular Disease of Heart
May 19	George Bernard Veasey.....	32	3	18	Valvular Disease of Heart
May 22	Catherine B. Sawyer.....	26	1	4	Toxemia
May 22	Alice G. Judkins .....	44	5	6	Carcinoma
May 27	Abigail J. Gleason.....	58	11	20	Carcinoma

# DEATHS REGISTERED IN THE TOWN OF READING FOR THE YEAR 1914

DATE	NAME	Y	M	D	CAUSE OF DEATH
June 3	Amanda J. Lewis.....	81	11	14	Myocarditis
June 3	Charlotte B. Parker.....	89	6	12	Myocarditis
June 4	Leonard McLeod.....	0	11	12	Meningitis and Tuberculosis
June 10	Mary F. Sullivan.....	27	10	1	Cardiac Hypertrophy
June 12	Lydia Maria Newell.....	62	3	25	Organic Heart Disease
June 13	Mary H. Elliott.....	72	6	30	Carcinoma
June 17	Edward Brande.....	73	4	9	Cerebral Hemorrhage
June 22	Rosa Cunio.....	64	1	0	Carcinoma
June 29	George H. Foster.....	71	2	14	Cerebral Hemorrhage
July 3	Simon Porter.....	63	8	20	Tumor of Brain
July 3	Everett E. Peabody.....	75	6	5	Progressive Paralysis
July 9	William H. Trueworthy.....	51	9	5	Myocarditis
July 11	Martin M. Cummings.....	78	2	12	Cerebral Hemorrhage
July 20					
July 25	Richard Dana Southwell.....	63	7	0	Valvular Disease of Heart
July 27	Catherine Buckle.....	47	5	13	Cerebral Embolism
Aug. 3					
Aug. 5	Marcella Johnson.....	52	11	28	Chronic Endocarditis
Aug. 5					
Aug. 15	Mary Bunker.....	77	0	13	Gastritis
Aug. 17	Thomas James Babcock.....	52	5	27	Valvular Disease of Heart
Aug. 19	Levinia N. Annis.....	72	9	23	Valvular Disease of Heart
Aug. 24	John B. Adams.....	79	7	2	Chronic Nephritis
Aug. 26	Henry W. Brooks.....	53	0	4	Perforation of Intestine
Aug. 27	Sarah E. Woods.....	67	5	7	General Paralysis
Sept. 4	Ellen F. Gay.....	64	0	13	Cerebral Hemorrhage
Sept. 5	Annie Simpson Grouard.....	81	8	6	Senile Dementia
Sept. 5	Eleanor Wheeler.....	0	4	15	Marasmus
Sept. 13	Georgiana N. Partridge.....	74	6	8	Cerebral Hemorrhage
Sept. 18	Caroline A. Hopkinson.....	83	9	0	Cerebral Hemorrhage
Sept. 21	Harold Doran.....	0	8	9	Gastro Enteritis
Sept. 22	Margaret Riley.....	51	1	7	Tumor
Sept. 28	Harry B. Leighton.....	79	1	9	Insanity
Oct. 8					
Oct. 12	Henry Blanchard.....	64	0	19	Valvular Disease of Heart
Oct. 15	George W. Hinchcliffe.....	30	11	18	Tuberculosis
Oct. 17					
Oct. 18	Charles F. Jaeger.....	73	1	8	Pernicious Anemia
Oct. 24	Daniel E. Durgin.....	63	3	24	Chronic Nephritis
Oct. 25					
Oct. 29	John Jenkins.....	60	7	17	Cerebral Hemorrhage
Nov. 3	Marguerite H. Rice.....	37	9	29	Valvular Disease of Heart
Nov. 4	Amelia C. Coons.....	72	1	13	Chronic Nephritis
Nov. 8	Francis J. Murphy.....	0	11	15	Dysentary
Nov. 10	William Webb.....	49	6	7	Valvular Disease of Heart
Nov. 10	Dennis W. McKenney.....	60	0	27	Chronic Nephritis
Nov. 20	Newell B. Hawes.....	76	8	13	Valvular Disease
Nov. 20	Mary J. Hillman.....	85	8	6	Arterio Sclerosis
Nov. 21	Marcella L. Barrett.....	49	5	0	Lobar Pneumonia
Nov. 23	Lydia S. C. Eaton.....	89	2	23	Natural Causes
Nov. 25	Clarissa B. Damon.....	92	8	26	Arterio Sclerosis
Nov. 26	Charles A. Heaton.....	76	8	4	Arterio Sclerosis
Dec. 1	Frederick M. Morse.....	64	1	9	Lobar Pneumonia
Dec. 7	Sarah M. Buckminster.....	79	6	2	Gangrene, Senile
Dec. 9	George B. Jackson.....	68	0	3	Cancer of Face and Neck
Dec. 10	Elsie K. Lockwood.....	24	4	0	Pulmonary Tuberculosis

Whole number of deaths, 111. Males: Native Born, 36; Foreign Born, 8. Females: Native Born, 59; Foreign Born, 8.





## REPORT OF SELECTMEN

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TO THE CITIZENS OF READING :

The Selectmen submit herewith their annual report.

### HIGHWAYS

It must be apparent to the citizens that the ever increasing automobile traffic has made necessary an improvement in the old method of highway construction.

Pleasure cars are continually increasing in number and the heavy type of motor trucks is now commonly used for the transportation of freight. This not only increases the maintenance charges on macadam roads but has worn out many of the gravel roads to such an extent that in a great many places the surface has entirely disappeared and nothing but rock remains.

Woburn St., from the railroad crossing to Lowell St., is in poor condition and improvements there should not longer be delayed.

Your board feels that it is not only a duty but it is imperative that this matter be laid squarely before the citizens and under another heading gives its recommendations.

Summer Ave. has been graded with gravel from Oak St. south about 1500 feet. After the completion of this work there was an unusually long drought of 47 days and during that time heavy motor trucks used this highway for the transportation of stone to Main St., where extensive repairs were being made by the Highway Commission. This



resulted in tearing up the new grading, which left the road in a deplorable condition and caused justifiable criticism.

The Highway Commission was appealed to but nothing could be done. As soon as practical this road was regraded and placed in good condition.

A distance of 800 feet on South St., 1100 feet on Hopkins St., and 1700 feet on Walnut St., has been graded with gravel.

Haverhill St. has been rebuilt with gravel from Pine St. north 3000 feet, at an average width of 18 feet. This work was performed by vote of the Town.

Another section of Lowell St. has been constructed under the general supervision of the Highway Commission.

Including the appropriation of 1913, there has been expended on this work to date \$9000, the Town receiving one-half of this amount from the State under the Small Town Act. It is hoped to receive another allotment next year so as to continue the macadam to the Square.

The County Commissioners gave a hearing upon petition of the citizens praying that \$2000 of the County funds be expended on this work. It was ordered that one-third of that amount be used and it is the intention of your board to handle this matter in the warrant.

The old macadam on Prescott St. has been resurfaced and new macadam carried 250 feet west. High St., between Haven St. and Washington St., has been macadamized.

Considerable repair work has been done on Pearl St., Harrison St., from Salem St. to Orange St., Grove St., Linden St., Woburn St., Copeland Ave. and several other places.

Prescott St. has been widened but much remains to be done here in the spring.

For the detail of construction work which has been performed during the year we respectfully refer you to the report of the Superintendent of Streets.

For the information of the citizens we give below a statement showing the number of miles and type of roads which it is necessary to maintain.

Kind of Road	Length in miles	Average width in feet
Unimproved roads . . . . .	3	10
Improved roads, graded and drained .	45	18
Dirt roads . . . . .	14½	18
Gravel roads . . . . .	21	18
Plain macadam . . . . .	3	16
Bituminous macadam . . . . .	2½	15
Macadam with oil or tar surface coat .	7	15

Total number miles of road, 48.

E. H. Crowe was reappointed Superintendent of Streets. He thoroughly understands the various methods of highway construction, and we leave it to the impartial judgment of the townspeople whether or not the streets are in good condition considering the amount of money available for their use.

#### NEW STREETS

Regulations should be adopted in the immediate future setting forth in detail the requirements necessary for new streets before their acceptance is voted upon by the Town. This is not only to safeguard the interests of the Town as a whole, but also those citizens who might purchase land in private ways and erect buildings only to find that they must lose some of their land before recommendation for acceptance for regular town ways would be made.

#### DUST LAYING

At the beginning of the season this board purchased a Studebaker oil cart with a Kenney power distributor attached, which proved a great success in the economical application of the oil. With the \$3000 available for this purpose 53,498 gallons of oil were used, taking care of most of the streets. There is a question whether it would be advisable to continue using the light oils or to apply the

45 % asphalt oil, which not only acts as a dust layer but also a road preservative. Asphalt oil was used during the season on Summer Ave.

#### DRAINAGE

The question of drainage is continually presenting vexatious problems to solve. Where surface water formerly ran without annoyance or complaint now stand residences with well kept grounds. Such changes are continually taking place.

#### SIDEWALKS

It is a well known fact that this Town is urgently in need of sidewalks. Residences have been erected in various parts of the Town within a comparatively short space of time which have materially increased its valuation, and yet the townspeople are obliged to wade through mud during certain seasons of the year to reach their homes. Streets which are the main arteries of travel to populous neighborhoods should be equipped with tar concrete sidewalks (estimated expense of tar concrete at prevailing prices in 1914, 55 cents per square yard, granolithic \$1.25 to \$2.00 per square yard) which expense should be borne wholly by the Town. When the abutters pay 50% of the cost it simply means an expense to the Town for sidewalks which benefit a few of its inhabitants. As a rule such sidewalks are laid in the outlying districts. For this reason and also for fear that the vote at the last annual meeting was not properly recorded your board assumed the responsibility in not expending the \$500 voted for new sidewalks, and this question will be brought before the citizens in March for further consideration.

There have been 3019 square yards of old concrete repaired at an average cost of 35 cents per square yard.

The \$100 voted at the last annual meeting to build a sidewalk on the west side of Main St. to the Stoneham line was not expended. This work was not done as it was not possible to reach an agreement with the Engineers of the

Highway Commission over the crossing of an open ditch. We are in hopes that this matter can be adjusted early in the spring.

#### STREET SIGNS

Instead of the present method of attaching enamel signs to telephone poles or convenient structures, suitable signs attached to permanent standards made especially for the purpose should be installed on many of the streets when conditions warrant.

#### GUIDE POSTS

Guide posts or suitable substitutes are maintained at the following locations:

- Corner Walnut street and South street.
- “ Walnut street and Summer avenue.
- “ Main street and Summer avenue.
- “ Woburn street and Summer avenue.
- “ West street and Summer avenue.
- “ West street and Woburn street.
- “ Lowell street and Willow street (2).
- “ Lowell street and High street.
- “ Lowell street and Middlesex avenue.
- “ Grove street and Franklin street.
- “ Main street and Franklin street.
- “ Mill street and Short street.
- “ Franklin street and Haverhill street.
- “ Charles street and Haverhill street.
- “ Haverhill street and Pine street.
- “ Pine street and Salem street.
- “ Charles street and Pearl street.
- “ Charles street and Main street.
- “ Main street and Pearl street.
- “ Main street and Salem street.
- “ Salem street and Lowell street.
- “ Woburn street and Lowell street (2).
- “ Salem street and Harnden street.
- “ Main street and Pleasant street.

Corner Pleasant street and Parker street.

“ Haven street and Village street.

“ Haven street and Ash street.

“ Main street and Ash street.

“ Middlesex avenue and High street.

Main street on the Common.

Harnden street near Pleasant street.

#### POLICE DEPARTMENT

The present members of the force were reappointed and have not only rendered efficient service, but they have cooperated with this board so as to assure the enforcement of law and the protection of property.

Traffic regulations are being considered and it is hoped these will be adopted in the near future.

#### FIRE DEPARTMENT

Capt. Frank E. Gray handed in his resignation from the Board of Engineers, owing to his appointment to an important position, which was reluctantly accepted.

Wm. R. Zwicker was appointed to fill the vacancy.

#### MOTH DEPARTMENT

This department has been handled in an efficient manner and to the satisfaction of the State Dept. having supervision over this work.

Supt. Henry M. Donegan has been reappointed and this Board appreciates the services he has rendered.

#### BUILDING LAWS

The Building Laws were approved on Oct. 29th and made necessary the appointment of an Inspector and Board of Appeal.

After careful consideration Robert E. Parker was appointed Inspector of Buildings, and we feel that it is fortunate that his services are available. Both his education and training have been such as to fit him for this important position.



Mahlon E. Brande, James H. Carleton and Joseph S. Temple were appointed members of the Board of Appeal.

Under advice of Counsel this board settled with The Malden & Melrose Gas Light Company for \$500 on account of the destruction of twenty-four trees by gas.

The suit of Adelbert E. Batchelder against this Town is still pending and there is nothing to report.

#### FINANCES

There has been a net decrease of the Town Debt for the fiscal year of \$23,400, as follows:

Notes and bonds maturing in 1914	.	.	.	\$32,400 00
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Less amounts borrowed:

Municipal Light loans	.	.	.	.	9,000 00
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Net decrease	.	.	.	.	.	\$23,400 00
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Town debt Dec. 31, 1913	.	.	\$366,800 00
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Town debt Dec. 31, 1914	.	.	343,400 00
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Net decrease	.	.	.	.	\$23,400 00
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We will be compelled to raise by taxation for notes and bonds this year \$16,500, a decrease of \$1,225 over 1913.

Maturing in 1914	.	.	.	\$32,400 00
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Less amounts paid:

By Water Dept.	.	\$3,000 00
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By M. L. Dept.	.	9,000 00
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From available Rev.	.	2,200 00
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From Grouard Est. Income	475 00
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<u>\$14,675 00</u>
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\$17,725 00
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Maturing in 1915	.	.	.	\$30,200 00
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Less amounts paid:

By Water Dept.	.	\$3,000 00
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By M. L. Dept.	.	9,500 00
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From available Rev.	.	1,200 00
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<u>\$13,700 00</u>
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\$16,500 00
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Decrease	.	.	.	.	\$1,225 00
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It may be of interest to know that the last note of \$3,000 on the Highland School matured this year.

Larger appropriations in many departments are asked for, in order to maintain their proper efficiency, and while we are desirous of having as low a tax rate as possible, at the same time we believe that the rate, with a fair and equitable valuation, should be large enough to give to the departments the amounts necessary for their proper administration. The good reputation of a town depends to a great extent upon its ability to protect its persons and property, the conservation of its public health, the education of its children, its highways and sidewalks, and its municipal industries.

We would recommend that the Town create a reserve fund, as provided by Chapter 645 of the Acts of 1913, to provide for extraordinary or unforeseen expenditures. An article for its creation will be found in the Annual Warrant.

#### RECOMMENDATIONS

That Woburn St. be macadamized [from the railroad crossing to Lowell St. Estimated expense, \$3000.

That Summer Ave. be macadamized from Mineral St. to Prescott St. Estimated expense \$3500.

That Haven St. be rebuilt from Main St. to John St. Estimated expense \$1400.

That the gravel grading on Haverhill St. be continued. Expense \$1000.

That \$2,666.66 be raised and appropriated for continuing the work of macadamizing Lowell St., provided the State appropriates a like amount.

That new concrete sidewalks be built on Prescott St., from Arlington St. west about 900 feet; on Woburn St. from Odd Fellows' Hall to Lowell St.; on Harnden St. from property of Oliver W. Austin to Salem St. Estimated expense, \$1500.

The work of rebuilding the highways referred to above should be done as soon as practical after sewers are disposed of.

#### CONCLUSION

It has been the policy of this board to keep in close touch with the various State Boards and Commissions and to conduct the business of the office promptly.

It is realized that improvements are always in order, and there are yet many things which remain to be accomplished.

The friendly criticisms and valued advice of many citizens have been and are appreciated.

The co-operation and courtesy of the different boards of the Town are hereby acknowledged, and to the employes of the Town for the interest in their work this board also acknowledges its appreciation.

OTIS B. RUGGLES

EDWIN L. HUTCHINSON

EDGAR O. DEWEY

Selectmen of Reading.

## REPORT OF THE OVERSEERS OF THE POOR

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TO THE CITIZENS OF READING :

The Overseers submit herewith their report :

Assistance rendered the outside poor is practically the same as last year. More attention should be given and an improvement shown in the investigation of the surroundings and condition of all persons requiring aid in order that the duties pertaining to this important matter can be properly performed. This question is being considered by your Board.

There are six inmates at the Town Home. Two persons have been admitted and there were two deaths.

The home has been equipped with new shades in nearly all rooms. Electric lights have been installed in four rooms, thus making the entire house so lighted. A vacuum cleaner has been added to the equipment and one additional radiator put in.

The repairs which were made to the heating plant last year under a special appropriation have proved a success not only in a saving of fuel but also in its being possible to heat the home properly.

Services are being held Sunday afternoons by representatives from the different denominations and everything consistent is done for the care and well being of the inmates.

L. A. Deming was reappointed Superintendent. Both the Superintendent and Mrs. Deming have had several years' experience in institutions and are well fitted for the duties connected with this work.

Under Chap. 763, Acts of 1913, aid has been rendered 13 mothers with dependent children under 14 years, there having been five cases discontinued.

All aid rendered is subject to the approval of the State Board of Charity, from which Board we have received valued advice, and we hereby acknowledge our appreciation for the courtesy extended by its Superintendent, Supervisor and visitors.

For the financial statement of this department we would respectfully refer you to the report of the Town Accountant.

OTIS B. RUGGLES

EDWIN L. HUTCHINSON

EDGAR O. DEWEY

Overseers of the Poor.



## TREASURER'S REPORT

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TO THE CITIZENS OF THE TOWN OF READING :

This has been an exceptional year in the Treasury department. The indebtedness acquired has been the smallest of any year since 1909. Aside from notes issued in anticipation of revenue for the current year, I have issued bonds for the Municipal Light Department in accordance with the vote passed at a special town meeting held Sept. 14, 1914, to the amount of \$8000.00. These bear interest at 4 1-2% per annum and are payable \$500.00 each year 1915 to 1930, inclusive.

With the exception of about two months immediately following the outbreak of the European War interest rates have ruled lower than for the year 1913.

Notes to the amount of \$132,000.00 have been issued during the year in anticipation of revenue. \$75,000.00 of this amount has been paid and the balance of \$57,000.00 is due and payable in 1915.

The average daily balance of the Temporary Loans for the year was \$83,997.26 and the average rate of interest paid was 3.77%.

Yours respectfully,

WARD C. MANSFIELD, Treasurer.



TREASURER'S REPORT, TOWN OF READING  
DEC. 31, 1914

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WATER DEPARTMENT

DR.

1914

Jan. 1	To cash balance from Dec.	
	31, 1913 . . . . .	\$1,375 23
	To cash deposits by Water	
	Commissioners . . . . .	27,053 62
	To interest . . . . .	70 71
		<hr/>
	Total . . . . .	\$28,499 56

CR.

	By payments as per vouchers	\$28,487 25
Dec. 31	By balance cash on hand . . . . .	12 31
		<hr/>
	Total . . . . .	\$28,499 56

WARD O. MANSFIELD, Treasurer.

TREASURER'S REPORT, TOWN OF READING  
DEC. 31, 1914

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MUNICIPAL LIGHT BOARD

DR.

1914

Jan. 1	To cash balance from Dec.		
	31, 1913 . . . .	\$19,272	33
	To cash deposits by Municipal		
	Light Board . . . .	71,771	40
	To interest . . . .	228	70
		<hr/>	
	Total . . . .	\$91,272	43

CR.

	By payments as per vouchers	\$89,739	58
Dec. 31	By balance cash on hand .	1,532	85
		<hr/>	
	Total . . . .	\$91,272	43

WARD O. MANSFIELD, Treasurer.

TREASURER'S REPORT, CEMETERY BEQUEST FUND  
DEC. 31, 1914

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DR.

1914

Jan. 1	To cash balance from Dec. 31,		
	1913 . . . .	\$942 72	
	To cash payment of bonds .	2,000 00	
	To cash, sundry bequests .	765 00	
	To interest . . . .	768 42	
		<u>          </u>	
	Total . . . .		\$4,476 14

CR.

	By payments care of lots .	\$705 50	
	By investments . . . .	3,000 00	
Dec. 31	By balance cash on deposit		
	Mechanics Savings Bank	770 64	
		<u>          </u>	
	Total . . . .		\$4,476 14

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, PUBLIC LIBRARY BEQUEST  
DEC. 31, 1914

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DR.

1914

Jan. 1	To cash balance from Dec.		
	31, 1913 . . . . .	\$271	49
	To interest . . . . .	10	94
	Total . . . . .		\$282 43

CR.

Dec. 31	By balance cash on deposit		
	Mechanics Savings Bank		\$282 43

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, GEORGE F. BUCK  
BEQUEST FUND

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DR.

1914

Oct. 2	To cash . . . . .	\$200 00
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CR.

Dec. 31	By balance cash on deposit Mechanics Savings Bank	\$200 00
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WARD C. MANSFIELD, Treasurer.





DR.

## TREASURER'S REPORT

1914		
Jan 1.	To cash balance from Dec. 31, 1913 .....	\$7,335 80
"	H. M. Viall, Collector, Tax 1909.....	\$90 00
"	H. M. Viall, Collector, Tax 1911.. ..	966 94
"	H. M. Viall, Collector, Tax 1912.....	10,334 44
"	H. M. Viall, Collector, Tax 1913.....	31,753 82
"	H. M. Viall, Collector, Tax 1914.....	97,868 60
"	H. M. Viall, Collector, Excise Tax .....	2,774 38
"	H. M. Viall, Collector, Interest on Taxes .....	2,224 02
"	H. M. Viall, Collector, Property Taken .....	275 45
"	H. M. Viall, Collector, Certificate of Taxes .....	14 00
"	H. M. Viall, Collector, return postage .....	2 25
"	H. M. Viall, Collector, Taxes paid after abatement..	7 84
"	Commonwealth of Mass., Lowell St. macadam.....	4,350 00
"	Commonwealth of Mass., Moth Department.....	133 33
"	Commonwealth of Mass., Corporation Tax.....	25 88
"	Commonwealth of Mass., temporary aid.....	166 74
"	Temporary loans.....	128,961 84
"	Water Department, bond payments ....	3,000 00
"	Municipal Light Board, note payments.....	4,000 00
"	School Department, tuition, No. Reading.....	1,766 25
"	School Dept., Commonwealth of Mass. and others...	210 00
"	School Department, sundry items.....	122 19
"	Grouard Estate, rents .....	416 70
"	Public Library, dog tax, fines, etc. ....	755 22
"	Cemetery Department, labor, etc. ....	708 50
"	Cemetery account, sale of lots and graves .....	960 00
"	Cemetery account, interest .....	174 56
"	Highway Department, sundry items ..	459 47
"	Moth Department, private work.....	873 60
"	Fire Department, material sold, telephone tolls, etc.	99 81
"	Forest Warden Department, telephone tolls, etc.....	22 26
"	Tree Warden Department, Malden Gas Light Co.....	500 00
"	Tree Warden Department, sundry items .....	19 00
"	Poor Department, City of Somerville .....	159 77
"	Poor Department, Town of Methuen .....	104 97
"	Poor Department, Town of Norfolk .....	128 25
"	Poor Department, temporary Aid.....	102 00
"	Town Home, sale of produce, telephone tolls, etc. ...	589 49
"	Interest, National Bank deposits.....	345 94
"	Overseers of the Poor, salary refund .....	25 00
"	Temporary Aid, Chap. 763, Acts 1913 .....	2,012 00
"	Board of Health, sundry payments.....	221 38
"	Licenses and permits .....	107 00
"	Police Department, court fines .....	108 00
"	Sealer of Weights and Measures .....	25 52
"	Rent of Playground .....	20 00
"	Miscellaneous expense — Maryland Casualty Co.....	49 74
"	Sundry account.....	2,700 00
Total receipts .....		\$300,736 15
Total cash .....		\$308,071 95

TOWN OF READING, DEC. 31, 1914

CR.

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1914		
	By payment as per vouchers .....	\$304,683 93
Dec. 31.	By balance cash on hand.....	3,388 02
		<hr/>
	Total .....	\$308,071 95

WARD U. MANSFIELD, Treasurer.

## SALEM CONFLAGRATION

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On Thursday, June 25, 1914, messages were flashed over the wires in Eastern Massachusetts that a terrible conflagration was raging in the City of Salem. The flames made such rapid progress that it soon became evident that the local fire department could not cope with such a tremendous mass of flames. Other messages were flashed across the wires to the neighboring cities and towns asking for assistance, and in all cases a ready response was made. Fire fighting apparatus was hastily sent out from all localities where it could be spared.

Chief Ordway, with 13 men from the Reading Fire Department, started immediately for the scene of disaster with Reading's Triple Combination Fire Truck and did valiant work in the subduing of the flames, pumping steadily for 10 1-2 hours, and arriving home at 7 o'clock A. M. on Friday morning, the 26th.

Later in the day the Board of Selectmen received a message from Gov. Walsh that the citizens of Salem were in great need of assistance, as thousands of men, women and children were homeless and without the meagre comforts of life. Chairman Ruggles ordered circulars printed and distributed about the Town calling for a meeting of the citizens in Lyceum Hall on Monday evening, June 29, to see what action could be taken to assist in the relief of the sufferers. This was well attended. Otis B. Ruggles was elected Chairman of the Relief Committee, Edgar O. Dewey, Secretary, and Ward C. Mansfield, Treasurer. Many pledges were made at this meeting and nearly a score of committees were appointed to solicit funds for the relief of Salem sufferers,

and as Reading is never in the background at such times as these her people responded liberally. Many barrels of clothing were collected and sent to the sufferers and contributions were received in amounts varying from a few cents to \$350, and in all cases where the name and address of the giver was known a receipt was forwarded by the Treasurer.

On July 10 a check for \$1,500 was mailed to Gardner M. Lane of Boston, Treasurer of the Relief Fund, and later a check for \$53.58 was sent to his successor, J. H. Gifford, Treasurer, Salem, Mass.

WARD C. MANSFIELD, Treasurer.



# Annual Report

OF THE

## TOWN OF READING

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SELECTMEN'S OFFICE,  
Reading, Jan. 1, 1915.

TO THE HONORABLE BOARD OF SELECTMEN :

The undersigned herewith presents the annual statement of the receipts and expenditures of the Town of Reading for the financial year ending December 31, 1914, together with such other information relating to the fiscal interests of the Town as may be of general interest. The last part of this report is devoted to an exhibit of the receipts and payments of the Town, arranged and classified as prescribed by the Bureau of Statistics, Schedule A, for the fiscal year ending December 31, 1914.

Respectfully submitted,

JOHN H. SHELDON,  
Town Accountant.



# REPORT OF TOWN ACCOUNTANT FOR FINANCIAL YEAR ENDING DEC. 31, 1914

## RECEIPTS FROM ALL SOURCES DURING YEAR

Municipal Light Department . . .	\$72,000 10
Water Department . . . . .	27,124 33
General Accounts . . . . .	316,505 51
Cash on hand beginning of year :	
Municipal Light . . . . .	19,272 33
Water Department . . . . .	1,375 23
General Cash . . . . .	7,335 80

## PAYMENTS FOR YEAR

Municipal Light Department . . . . .	\$89,739 58
Water Department . . . . .	28,487 25
General Accounts . . . . .	320,453 29
Cash on hand Dec. 31, 1914 :	
Municipal Light Department . . . . .	1,532 85
Water Department . . . . .	12 31
General Cash . . . . .	3,388 02
	<hr/>
	\$443,613 30    \$443,613 30

## TOWN DEBT

The total indebtedness of the Town	
Jan. 1, 1914 . . . . .	\$366,800 00
This has been increased during the	
year by the issue of bonds and	
notes as follows :	
Municipal Light Bonds . . . . .	9,000 00
	<hr/>
	\$375,800 00

There has been a decrease by the  
payment of the following bonds  
and notes as follows :

Water Bonds . . . . .	\$8,000 00	
Municipal Light . . . . .	9,000 00	
Highland School Building . . . . .	3,000 00	
High School Building . . . . .	5,000 00	
Lowell Street School Building . . . . .	1,000 00	
School Deficiency Loan . . . . .	2,700 00	
Grouard Estate Loan . . . . .	1,000 00	
Auto Chemical Truck . . . . .	1,500 00	
Cemetery and Library Bequests . . . . .	1,200 00	
	<hr/>	32,400 00
		<hr/>
Total indebtedness Dec. 31, 1914		\$343,400 00

## SUMMARY OF TOWN DEBT

1913	1914	DECREASE
\$366,800 00	\$343,400 00	\$23,400 00

The following is a statement of the total debt of the Town, with rate of interest thereon :

### MUNICIPAL LIGHT LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 and 4 1-2 %	1915	\$9,500 00	
4 and 4 1-2 %	1916	9,500 00	
4 and 4 1-2 %	1917	9,500 00	
4 and 4 1-2 %	1918	9,500 00	
4 and 4 1-2 %	1919	9,500 00	
4 and 4 1-2 %	1920	9,500 00	
4 and 4 1-2 %	1921	9,500 00	
4 and 4 1-2 %	1922	7,500 00	
4 and 4 1-2 %	1923	5,500 00	
4 and 4 1-2 %	1924	5,500 00	
4 1-2 %	1925	3,500 00	
4 1-2 %	1926	2,500 00	
4 1-2 %	1927	2,500 00	
4 1-2 %	1928	2,500 00	
4 1-2 %	1929	2,500 00	
4 1-2 %	1930	2,500 00	
4 1-2 %	1931	2,000 00	
4 1-2 %	1932	2,000 00	
4 1-2 %	1933	1,000 00	\$106,000 00

### HIGHLAND SCHOOL HOUSE

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1915	\$3,000 00	\$3,000 00

## HIGH SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
3 1-2 and 4%	1915	\$5,000 00	
3 1-2 and 4%	1916	5,000 00	
3 1-2 and 4%	1917	4,000 00	
3 1-2%	1918	4,000 00	
3 1-2%	1919	4,000 00	
3 1-2%	1920	4,000 00	
3 1-2%	1921	4,000 00	
3 1-2%	1922	4,000 00	
3 1-2%	1923	4,000 00	
3 1-2%	1924	4,000 00	
3 1-2%	1925	4,000 00	\$46,000 00

## LOWELL STREET SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1915	\$1,000 00	
4%	1916	1,000 00	\$2,000 00

## WATER LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1915	\$8,000 00	
4%	1916	13,000 00	
4%	1917	13,000 00	
4%	1918	13,000 00	
4%	1919	13,000 00	
4%	1920	13,000 00	
4%	1921	13,000 00	
4%	1922	13,000 00	
4%	1923	11,000 00	
4%	1924	11,000 00	
4%	1925	11,000 00	
4%	1926	6,000 00	
4%	1927	6,000 00	
4%	1928	6,000 00	
4%	1929	6,000 00	
4%	1930	6,000 00	
4%	1931	1,000 00	
4%	1932	1,000 00	
4%	1933	1,000 00	\$165,000 00

## GROUARD ESTATE LOAN

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1915	\$1,000 00	
4%	1916	1,000 00	
4%	1917	1,000 00	
4%	1918	1,000 00	
4%	1919	1,000 00	
4%	1920	1,000 00	
4%	1921	1,000 00	\$7,000 00

# AUTO CHEMICAL TRUCK

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 1-2%	1915	\$1,500 00	
4 1-2%	1916	1,500 00	
4 1-2%	1917	1,500 00	
4 1-2%	1918	1,500 00	\$6,000 00

# CEMETERY AND LIBRARY BEQUESTS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4%	1915	\$1,200 00	
4%	1916	1,200 00	
4%	1917	1,200 00	
4%	1918	1,200 00	
4%	1919	1,200 00	
4%	1920	1,200 00	
4%	1921	1,200 00	\$8,400 00
Total Indebtedness December 31, 1914			\$343,400 00



## TEMPORARY LOANS

Balance from 1913 . . . . .	\$55,000 00
-----------------------------	-------------

## BORROWED IN 1914

Bond & Goodwin, 3.70%, due Oct. 7, 1914 . . . . .	\$30,000 00	
Bond & Goodwin, 3.70%, due Nov. 10, 1914 . . . . .	25,000 00	
Bond & Goodwin, 3.70%, due Dec. 10, 1914 . . . . .	20,000 00	
C. D. Parker & Co., 3.19%, due April 15, 1915 . . . . .	25,000 00	
Cemetery Bequest Fund, 5%, due July 15, 1915 . . . . .	2,000 00	
C. D. Parker & Co., 4.08%, due April 22, 1915 . . . . .	30,000 00	
	<hr/>	132,000 00
		<hr/>
		\$187,000 00

## PAID IN 1914

F. S. Mosley & Co., 4.55%, due April 15, 1914 . . . . .	\$30,000 00	
C. D. Parker & Co., 3.84%, due April 10, 1914 . . . . .	20,000 00	
Bond & Goodwin, 4.20%, due May 15, 1914 . . . . .	5,000 00	
Bond & Goodwin, 3.70%, due Oct. 7, 1914 . . . . .	30,000 00	
Bond & Goodwin, 3.70%, due Nov. 10, 1914 . . . . .	25,000 00	
Bond & Goodwin, 3.70%, due Dec. 10, 1914 . . . . .	20,000 00	
	<hr/>	130,000 00
		<hr/>
Total outstanding temporary loans . . . . .		57,000 00

## TEMPORARY LOANS OUTSTANDING

C. D. Parker & Co., 3.29%, due	
April 15, 1915 . . . . .	\$25,000 00
Cemetery Bequest Fund, 5%, due	
July 15, 1915 . . . . .	2,000 00
C. D. Parker & Co., 4.08%, due	
April 22, 1915 . . . . .	30,000 00
	<hr/>
	\$57,000 00

## TOWN DEBT DECEMBER 31, 1914

DUE IN 1915		NOTES AND BONDS		
Mar. 27	\$1,000	3 1-2%	Municipal Light	\$106,000 00
Apr. 16	1,500	4 1-4%	Municipal Light	
July 15	2,000	4 %	Municipal Light	
Sep. 15	500	4 1-2%	Municipal Light	
Oct. 1	3,000	4 1-2%	Municipal Light	
Oct. 15	1,500	4 1-4%	Municipal Light	165,000 00
June 1	8,000	4 %	Water Department	
Aug. 1	3,000	4 %	Highland School Bldg.	
Nov. 1	4,000	3 1-2%	High School Bldg.	
Dec. 21	1,000	3 1-2%	High School Bldg.	
Sep. 27	1,000	4 %	Lowell St. School Bldg.	2,000 00
Apr. 15	1,200	4 %	Current Expense Bonds	8,400 00
July 21	1,000	4 %	Grouard Estate	7,000 00
July 15	1,500	4 1-4%	Auto Chemical Truck	6,000 00
	<hr/>			
	\$30,200		Total Debt	\$343,400 00

## FINANCES

The assessed valuation of the Town April 1,  
1914, was:

Real Estate . . . . .	\$6,141,980 00
Personal Estate . . . . .	1,376,975 00
	<hr/>
Total Valuation . . . . .	7,518,955 00
Assessed at \$19.20 per \$1,000 gives	\$144,364 09
1958 Polls at \$2.00 . . . . .	3,916 00
	<hr/>
	148,280 09

This tax is divided as follows:

For Town purposes . . . . .	130,568 26
Less Corporation Tax, estimated	6,000 00
	<hr/>
	124,568 28
County Tax . . . . .	7,149 78
State Tax . . . . .	13,037 50
Highway Tax . . . . .	329 60
Wellington Bridge . . . . .	51 84
Overlay . . . . .	3,143 09
	<hr/>
	148,280 09

December supplementary additional property:

Personal Property . . . . .	56,495 00
Real . . . . .	1,100 00
	<hr/>
	57,595 00
Assessed at \$19.20 . . . . .	1,105 82
One additional poll . . . . .	2 00
	<hr/>

Amount credited to Overlay Acct. 1,107 82

The valuations of estates in this Town for the year mentioned in the preceding table are the figures originally made by the Board of Assessors on April 1 of each respective year.

The valuations are subject to changes in each year by additional taxable property being found.

Net valuation of estates in the Town of Reading for the past three years, including all supplementary warrants and deducting all abatements:

YEAR	TOTAL VALUATION	ABATEMENT	NET VALUATION
1912	\$6,546,867 00	\$46,100 00	\$6,500,767 00
1913	7,190,063 00	21,190 00	7,168,873 00
1914	7,576,560 00	31,925 00	7,544,635 00
	<u>\$21,313,490 00</u>	<u>\$99,215 00</u>	<u>\$21,214,275 00</u>

### BORROWING CAPACITY

The average net valuation of the Town of Reading for 1912, 1913, 1914, is . . . \$7,071,425 00

The indebtedness of towns is limited by Chapter 719 of the Acts of 1913, Section 12, to 3% of the average valuation for the preceding three years, the valuation being first reduced by the amount of all abatements thereon previous to the 31st day of December of each year

Three per cent. is . . . \$212,142 00

Total Town Debt is . . . 343,400 00

Of this amount the following loans are not included in the debt limit, being exempt by Acts of the Legislature:

Water loans . . .	\$165,000 00	
Electric Light loans	106,000 00	
	<u>          </u>	\$271,000 00

Net Municipal Debt December 31, 1914 . . . . .	72,400 00
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Borrowing capacity January 1, 1915 . . . . .	<u>72,400 00</u> \$139,742 00
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## TRUST FUNDS

Balance from 1913 . . . . .	\$15,280 95
PAID IN 1914	
Charles K. Gorus . . . . .	100 00
George R. J. Walker . . . . .	50 00
Estate of Edward S. Batchelder . . . . .	100 00
James A. Bancroft . . . . .	75 00
Estate of Orne Green . . . . .	40 00
Sarah F. Johnson . . . . .	200 00
Estate of George F. Buck . . . . .	200 00
	<hr/>
	\$16,045 95
Interest accrued on the above unexpended . . . . .	1,013 44
	<hr/>
	\$17,059 39

## CEMETERY BEQUEST FUND

The Treasurer, Cemetery Trustees and Selectmen, acting as Trustees of the Cemetery Fund, held on December 31, 1914, cash and securities amounting to . . . . .		\$17,059 39
Balance from 1913 . . . . .	\$16,219 39	
Received from bequests \$765 00		
Received from Interest 780 50		
	<hr/>	
	\$1,545 50	
Less interest paid for perpetual care . . . . .	705 50	
	<hr/>	
	840 00	
	<hr/>	
		\$17,059 39

This Fund is invested as follows:

Town of Reading Bonds, Electric Light, Wilmington Extension, 4%, interest payable January and July . . . . .	\$14,000 00	
Town of Reading Temporary Loan, 5%, due July 15, 1915 . . . . .	2,000 00	
Accrued interest to Dec. 31, 1914 . . . . .	288 75	
Cash in Mechanics Savings Bank . . . . .	770 64	
	<hr/>	
		\$17,059 39

## LIBRARY BEQUEST FUND

The Treasurer and Trustees of the Public Library held on Dec. 31, 1914, cash amounting to	\$282 43
This amount is invested as follows:	
Cash held by the Treasurer . . . . .	\$282 43

## CASH HELD BY TREASURER OF FUNDS

Cemetery Trust Fund . . . . .	\$770 64	
Library Bequest Fund . . . . .	282 43	
	<hr/>	\$1,053 09

## TAXES

The taxes committed, abated and collected during the fiscal year, together with the balance unpaid Dec. 31, 1913, and Dec. 31, 1914, are as follows:

## TAXES, 1909

Balance from 1913 . . . . .	\$147 00	
Collected . . . . .		\$90 00
Abated . . . . .		57 00
	<hr/>	<hr/>
	\$147 00	\$147 00

## TAXES, 1910

Balance from 1913 . . . . .	\$88 65	
Abated . . . . .		\$88 65

## TAXES, 1911

Balance from 1913 . . . . .		\$1,909 51
Collected . . . . .	\$966 94	
Abated . . . . .	942 57	
	<hr/>	<hr/>
	\$1,909 51	\$1,909 51

## TAXES, 1912

Balance from 1913 . . . . .		\$10,985 51
Collected . . . . .	\$10,163 29	
Abated . . . . .	366 68	
	<hr/>	<hr/>
		10,529 97
		<hr/>
		\$455 54



## TAXES, 1913

Balance from 1913 . . . . .	\$43,626 29	
Refunded . . . . .	79 01	
	<hr/>	
	43,705 30	
Collected . . . . .	.\$31,430 57	
Abated . . . . .	2,242 35	
Abated refund . . . . .	79 01	
	<hr/>	
	33,751 93	
	<hr/>	9,953 37

## TAXES, 1914

Amount assessed . . . . .	\$148,280 09	
Supplementary warrant . . . . .	1,107 82	
Error in assessment . . . . .	08	
	<hr/>	
	149,387 99	
Collected . . . . .	.\$97,113 10	
Abated . . . . .	563 59	
	<hr/>	
	97,676 69	
	<hr/>	51,711 30
Total amount taxes uncollected Dec. 31, 1914		\$62,120 21

## ASSESSMENTS

The assessments Dec. 31, 1913, amount levied, amount paid during the year and the balance unpaid Dec. 31, 1914, are as follows:

## MOTH, 1911

Balance 1913 . . . . .	\$495 00	
Abated . . . . .		\$495 00

## MOTH, 1912

Balance from 1913 . . . . .	\$171 67	
Collected . . . . .	169 60	
	<hr/>	
Uncollected . . . . .		\$2 07

## MOTH, 1913

Balance from 1913 . . . .	\$439 50
Collected . . . .	323 25

Uncollected . . . .	116 25
---------------------	--------

## MOTH, 1914

Amount levied . . . .	\$1,329 50
Supplementary . . . .	1 50
Error in assessment . . . .	1 00

	1,332 00
Collected . . . .	755 50

Uncollected . . . .	576 50
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Uncollected Moth Assessments	\$694 82
------------------------------	----------

## ASSETS

## TRUST FUNDS AND INVESTMENTS

Cemetery Bequests	
Wilmington Extension	
Bonds, Town of Reading, 4%	\$14,000 00
Town of Reading, note Temporary Loan, 5%	2,000 00
Interest due Dec. 31, 1914	288 75
Cash in Mechanics Savings Bank	770 64
Library Fund	
Cash held by Treasurer	282 43
	<hr/>
	\$17,341 82

## CAPITAL ASSETS

Public Property	\$931,651 44
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## ASSETS AND LIABILITIES FROM

## ASSETS

Cash held by Treasurer	\$3,388 02
Collector Taxes, 1912	455 54
Collector Taxes, 1913	9,953 37
Collector Taxes, 1914	51,711 30
Collector Moth Assessment, 1912	2 07
Collector Moth Assessment, 1913	116 25
Collector Moth Assessment, 1914	576 50
Sundry parties, spraying	951 60
Taxes on property taken	617 79
Water Department, insurance	106 60
Moth Department, Commonwealth of Mass.	2,580 95
Tree Warden	4 68
Highway Department	258 61
Lowell St., macadam, Commonwealth of Mass.	150 00
Lowell St., macadam, special	229 47
Commonwealth of Mass., Poor Department	604 40
Commonwealth of Mass., Chapter 763	526 12
City of Somerville, Chapter 763	246 00
City of Boston, Poor Department	7 55
City of Springfield, Chapter 763	32 00
Town of Norfolk, Poor Department	133 88
Town of Methuen, Poor Department	194 97
Burial of Soldiers, Commonwealth of Mass.	94 00
State Aid, Commonwealth of Mass.	1,666 00
	<hr/>
	\$74,607 67

## LIABILITIES

## TRUST FUNDS:

Cemetery Bequests . . . . .	\$17,059 39
Library Bequest . . . . .	282 43
	<hr/>
	\$17,341 82

## CAPITAL LIABILITIES

Town Debt . . . . .	\$343,400 00
Balance, Town of Reading . . . . .	588,251 44
	<hr/>
	\$931,651 44

## APPROPRIATIONS, DECEMBER 31, 1914

## LIABILITIES

Temporary Loans . . . . .	\$57,000 00
Overlays, 1912 . . . . .	582 59
Overlays, 1913 . . . . .	3,571 70
Overlays, 1914 . . . . .	3,687 40
Cemetery Special, Sale of Lots and Graves . . . . .	4,025 45
Suspense (assessments unpaid) . . . . .	1,646 42
Miscellaneous Expenses, Sewer Committee . . . . .	501 90
Town Building (fire doors) . . . . .	345 00
Survey Block System . . . . .	327 86
Inspector of Wires . . . . .	25 00
Lowell St., macadam, 1913 . . . . .	447 46
Lowell St., macadam, 1914 . . . . .	5 77
Haverhill St., macadam . . . . .	86 56
Drinking Fountains . . . . .	150 00
Concrete Sidewalks . . . . .	500 00
Special repairs, School Department . . . . .	487 19
Contingent (excess revenue) . . . . .	1,217 37

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\$74,607 67

## APPROPRIATIONS AND EXPENDITURES

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Detailed account of the appropriations made by the Town  
during the year, together with the transfers, the ex-  
penditures and the unexpended balances Dec. 31, 1914:

### GENERAL GOVERNMENT

#### LEGISLATIVE

##### MODERATOR :

Appropriation . . . . .	\$50 00
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##### EXPENDED

George L. Flint, Moderator . . . . .	\$30 00	
Transferred to Contingent . . . . .	20 00	
	\$50 00	

#### EXECUTIVE

##### SELECTMEN, SALARIES :

Appropriation . . . . .	\$500 00
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##### EXPENDED

To James W. Killam . . . . .	\$25 00	
Edwin L. Hutchinson . . . . .	158 32	
Otis B. Ruggles, Chairman . . . . .	191 68	
Edgar O. Dewey . . . . .	125 00	
	\$500 00	

#### OTHER EXPENSES

Appropriation . . . . .	\$200 00
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##### EXPENDED

Government Envelopes . . . . .	\$25 09
Rent of Post Office box . . . . .	3 75
Office Supplies . . . . .	30 65
Telephone . . . . .	31 90
Printing . . . . .	35 25

Express . . . . .	91
Signs . . . . .	3 50
Auto hire . . . . .	4 75
Accounting sheets (Accountant) . .	50 00
Typewriting . . . . .	5 00

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 \$190 80

Transferred to Contingent . .	9 20
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\$200 00

## FINANCIAL

## TOWN ACCOUNTANT:

Appropriation . . . . .	\$750 00
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## EXPENDED

John H. Sheldon, Accountant . .	\$750 00
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## TREASURER:

Appropriation . . . . .	\$600 00
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## EXPENDED

Ward O. Mansfield, Treasurer . .	\$600 00
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## OTHER EXPENSES

Appropriation . . . . .	\$200 00
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## EXPENDED

Printing . . . . .	\$4 00
Treasurer's Bond . . . . .	60 00
Certification of Notes . . . . .	32 00
Government Envelopes . . . . .	43 24
Office Supplies . . . . .	26 00
Express . . . . .	46
Rent of Safe Deposit Box . . . . .	5 00

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 \$170 70

Transferred to Contingent . .	29 30
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\$200 00



## ASSESSORS' SALARIES:

Appropriation . . . . .	\$1,150 00
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## EXPENDED

Alvah W. Clark, two months . . . . .	\$63 88	
Millard F. Charles . . . . .	383 33	
George E. Horrocks . . . . .	383 33	
Ardine M. Allen . . . . .	319 46	
	<hr/>	\$1,150 00

## OTHER EXPENSES

Appropriation . . . . .	\$500 00
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## EXPENDED

Abstracting Deeds and Mortgages . . . . .	\$31 50	
Information, Stockholders (two years) . . . . .	37 00	
A. W. Clark, expenses . . . . .	3 46	
George E. Horrocks, expenses . . . . .	7 35	
Ardine M. Allen, expenses . . . . .	1 75	
Office Supplies . . . . .	20 66	
Printing . . . . .	27 50	
Street Lists, 1914 . . . . .	188 10	
Abstracting Mortgages, C. W. Smith . . . . .	133 35	
List of Stockholders . . . . .	3 00	
Auto hire . . . . .	21 00	
	<hr/>	
	\$474 67	
Transferred to Contingent . . . . .	25 33	
	<hr/>	\$500 00

## TAX COLLECTOR, SALARY:

Appropriation . . . . .	\$1,100 00
Transferred from Contingent . . . . .	67 86
	<hr/>
	1,167 86

## EXPENDED

Herbert M. Viall, Collector . . . . .	\$1,167 86
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## OTHER EXPENSES

Appropriation . . . . .	\$175 00
Receipts from postage . . . . .	2 25
Transferred from Contingent . . . . .	64
	<hr/>
	\$177 89

## EXPENDED

Printing . . . . .	\$40 00
Government envelopes . . . . .	21 24
Special envelopes . . . . .	17 50
Numbering stamp . . . . .	3 00
Postage stamps . . . . .	76 18
Office supplies . . . . .	19 97
	<hr/>
	\$177 89

## TOWN CLERK:

Appropriation . . . . .	\$150 00
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## EXPENDED

Millard F. Charles, salary . . . . .	\$150 00
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## OTHER EXPENSES

Appropriation . . . . .	\$250 00
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## EXPENDED

Recording births . . . . .	\$63 50
Recording deaths . . . . .	20 00
Recording marriages . . . . .	16 00
Reporting deaths . . . . .	2 25
Reporting births . . . . .	45 75
Book for death returns . . . . .	2 68
Office supplies . . . . .	38 37
Serving summons . . . . .	3 20
Printing . . . . .	16 25
Express . . . . .	45

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208 45

Transferred to Contingent . . . . .	41 55
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\$250 00

## BLOCK SYSTEM SURVEY

Appropriation . . . . .	\$500 00
Balance from 1913 . . . . .	117 76
	<hr/>
	\$617 76

## EXPENDED

O. E. Carter, survey and plans . . .	\$265 90
Supplies . . . . .	24 00
	<hr/>
	289 90
Balance to 1915 . . . . .	327 86
	<hr/>
	\$617 76

## OTHER GENERAL ACCOUNTS

## MISCELLANEOUS EXPENSES

Balance from 1913 . . . . .	\$501 90
Appropriation . . . . .	1,200 00

## RECEIVED

From interest . . . . .	88
From return premium from Moth . .	49 74
	<hr/>
	\$1,752 52

## EXPENDED

Care of Old South Clock . . . . .	\$50 00
Printing Town Reports . . . . .	696 00
Lighting Old South Clock . . . . .	113 65
Liability Insurance, Moth Dept. . . .	168 50
Salary, Secretary of Finance Committee	25 00
Expenses, Sec'y of Finance Committee	5 98
Printing Finance Report . . . . .	35 35
Vacation, H. M. Donegan, Supt., 2 wks.	36 00
Telephone, H. M. Donegan, Supt. . .	16 61
Signs, automobile . . . . .	13 92
Insurance, Collector's vault . . . . .	7 13
Express . . . . .	3 45
Typewriting warrant . . . . .	5 00

Mailing dog notices . . . . .	\$2 00
Printing . . . . .	3 25
Incidentals . . . . .	39 10
Circulars, Salem Relief . . . . .	2 00

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\$1,222 94

Transferred to Contingent . . . . .	27 68
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1,250 62

Balance to 1915 for Sewer Committee	\$501 90
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## SALARY TOWN COUNSEL

Appropriation . . . . .	\$500 00
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## EXPENDED

Jesse W. Morton, Town Counsel . . . . .	\$500 00
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## TOWN BUILDING

Appropriation . . . . .	\$600 00
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Transferred from Contingent . . . . .	350 00
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\$950 00

## EXPENDED

Repairs . . . . .	\$87 92
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Fuel . . . . .	337 93
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Express . . . . .	4 60
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Lighting . . . . .	101 30
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Supplies . . . . .	15 65
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Awnings . . . . .	15 00
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Cleaning cesspools . . . . .	11 00
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\$573 40

Transferred to Contingent . . . . .	37 60
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605 00

Balance to 1915 . . . . .	\$345 00
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## ELECTION AND REGISTRATION

## SALARY OF REGISTRARS

Appropriation . . . . .	\$130 00
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## EXPENDED

M. F. Charles, Registrar and Olerk . . . . .	\$40 00	
Walter S. Prentiss, Registrar . . . . .	30 00	
Arthur O. Copeland, Registrar . . . . .	30 00	
Owen McKenney, Registrar . . . . .	30 00	
	<hr/>	\$130 00

## ELECTION EXPENSES

Appropriation . . . . .	\$600 00
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## EXPENDED

Election Officers . . . . .	\$200 00	
Selectmen, services Primaries a n d Elections . . . . .	30 00	
Registrars, recount Counsellor . . . . .	15 00	
Registrars, recount Representative . . . . .	15 00	
A. M. Allen, services . . . . .	19 00	
Rent of hall . . . . .	52 00	
Printing ballots, warrants and inciden- tals . . . . .	169 90	
Taking down and putting up booths . . . . .	3 00	
Supplies . . . . .	33 55	
	<hr/>	\$537 45
Transferred to Contingent . . . . .	62 55	
	<hr/>	\$600 00

## UNPAID BILLS

Lyceum Hall Association . . . . .	\$41 00
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## LIGHTING G. A. R. HALL

Appropriation . . . . .	\$50 00
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## EXPENDED

For lighting . . . . .	\$50 00
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## INSURANCE

Appropriation . . . .	\$400 00
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## EXPENDED

Burgess & Allen, premiums . .	\$110 70
Kingman & Davis, premiums . .	148 50
Walter S. Badger, premiums . .	54 00
Wm. H. Wightman & Co., premiums .	26 79
Lewis M. Bancroft, premiums . .	41 58
Prentiss & Viall, premiums . .	14 21

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\$395 78

Transferred to Contingent . .	4 22
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\$400 00

## PREMIUMS

Received from loan . . . .	10
Transferred to Contingent . .	10

## CERTIFICATION OF TAXES

## RECEIVED

From sundry parties . . . .	\$14 00
Transferred to Contingent . .	\$14 00

## CONTINGENT ACCOUNT

	DR.	CR.
Balance from 1913 . . . .		\$2,278 96
Sundry receipts . . . .		1 55
From Library Fire Loss . . . .		1,202 68
Premiums . . . .		10
Interest Account . . . .		420 26
Certification of Taxes . . . .		14 00
Licenses and Permits . . . .		107 00
Corporation Taxes . . . .		446 28
National Bank Tax . . . .		336 07
Grouard Estate Income . . . .		20 74
Moderator . . . .		20 00



Selectmen's Expenses . . . .	\$9 20	
Assessors' Expenses . . . .	25 33	
Treasurer's Expenses . . . .	29 30	
Town Clerk, Expenses . . . .	41 55	
Election Expenses . . . .	62 55	
Miscellaneous Expenses . . . .	27 68	
Town Building . . . .	31 60	
Insurance . . . .	4 22	
Police Department . . . .	113 52	
Repairs, Fire Alarm . . . .	2 59	
Repairs, Central Fire Station . . . .	17 63	
Inspector of Wires . . . .	5 00	
Sealer of Weights and Measures . . . .	136 75	
Prescott Street . . . .	6 65	
Mt. Vernon St. Drain . . . .	4 75	
Concrete Sidewalk Repairs . . . .	4 50	
Oiling Streets . . . .	56 96	
Soldiers' Relief . . . .	207 75	
School Department . . . .	2 00	
Public Library . . . .	31	
Rent of Playground . . . .	5 00	
Care of Common . . . .	47 94	
Cemetery . . . .	35	
Poor Department, Chap. 763 . . . .	198 47	
For Maturing Notes . . . .	\$2,200 00	
Fire Doors . . . .	350 00	
Tax Collector's Salary . . . .	67 86	
Fire Department . . . .	68	
Forest Warden . . . .	268 26	
Health Department . . . .	504 58	
Highway Department . . . .	298 72	
Snow and Ice . . . .	199 79	
Poor Department . . . .	781 84	
Tax Collector, Expenses . . . .	64	
	<hr/>	
	\$4,672 37	
Unexpended (surplus) . . . .	1,217 37	
	<hr/>	
	\$5,889 74	\$5,889 74

## LICENSES AND PERMITS

## RECEIVED

Slaughter House . . . . .	\$1 00
Victuallers . . . . .	11 00
Carriage . . . . .	5 00
Inn Holder . . . . .	1 00
Circus . . . . .	5 00
Junk . . . . .	75 00
Express . . . . .	2 00
Auctioneer's . . . . .	6 00
Garage . . . . .	1 00

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 \$107 00

Transferred to Contingent . . . . . \$107 00

## OVERLAY ACCOUNT, 1910

Balance from 1913 . . . . . \$379 13

## RECEIVED

Additional . . . . . 2 00

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 \$381 13

Abatement, 1910 Tax . . . . . \$381 13

## OVERLAYS, 1911

Balance from 1913 . . . . . \$221 74

## RECEIVED

Additional . . . . . 5 84

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 \$227 58

From 1912 Account . . . . . 714 99

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 \$942 57

Abatement 1911 Tax . . . . . \$942 57

## OVERLAYS, 1912

Balance from 1913 . . . . .	\$1,428 78
From Overlay, 1910 . . . . .	235 48
	<hr/>
	\$1,664 26

Abatement, 1912 Tax . . . . .	\$366 68
To 1911 Overlay . . . . .	714 99
	<hr/>
	\$1,081 67

Balance to 1915 . . . . .	\$582 59
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## OVERLAY, 1913

Balance from 1913 . . . . .	\$5,893 06
Abatement, 1913 Tax . . . . .	2,321 36
	<hr/>

Balance to 1915 . . . . .	\$3,571 70
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## OVERLAY, 1914

Assessed . . . . .	\$3,143 09
December Supplementary . . . . .	1,107 82
	<hr/>

\$4,250 91

Abatement, 1914 Tax . . . . .	563 59
	<hr/>

Balance to 1915 . . . . .	\$3,687 32
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## CEMETERY SPECIAL

## SALE OF LOTS AND GRAVES

Balance from 1913 . . . . .	\$4,390 89
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## RECEIVED

From sundry parties in 1914 . . . . .	\$960 00
From Interest on Fund . . . . .	174 56
	<hr/>

\$5,525 45

Transferred to Cemetery Account for removal of Ledge . . . . .	1,500 00
	<hr/>

Balance to 1915 . . . . .	\$4,025 45
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## GROUARD ESTATE INCOME

Balance from 1913 . . . .	\$108 78
Received from Rent . . . .	416 70
	<hr/>
	\$525 48

Transferred as part payment of Note due in 1914 . . . . .	\$475 00
Paid for sundry repairs . . . .	29 74
	<hr/>
	\$504 74
Transferred to Contingent . .	20 74
	<hr/>
	\$525 48

## TAXES ON PROPERTY TAKEN

Balance from 1913 . . . . .	\$102 86
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## RECEIVED

From sales, H. M. Viall, Collector .	275 45
	<hr/>
	\$378 31

## EXPENDED

To H. M. Viall, Collector . . . .	\$996 10
Balance to 1915 . . . . .	617 79
	<hr/>
	\$996 10
	<hr/>
	\$996 10

## PROTECTION TO PERSONS AND PROPERTY

## POLICE DEPARTMENT

Appropriation . . . . .	\$5,100 00
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## RECEIVED

From Court Fines . . . . .	108 00
	<hr/>
	\$5,208 00

## EXPENDED

## Pay Rolls Officers :

Wm. E. Swain, Chief . . . .	\$1,179 00
Jeremiah Cullinane, Patrolman . .	1,029 00
George Stock, Patrolman . . . .	1,064 20
Oscar H. Low, Patrolman . . . .	1,073 50

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 \$4,345 70

Special Officers . . . . .	451 84
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 \$4,797 54

## Expenses W. E. Swain, meals and

transportation of prisoners . . . .	\$40 95
Evidence, Town vs. Nickerson . . . .	35 00
Carriage hire . . . . .	65 75
Telephone . . . . .	61 29
Repairs . . . . .	21 19
Auto List . . . . .	10 00
Professional services . . . . .	8 00
Printing . . . . .	24 50
Helmets and belts . . . . .	11 50
Signs . . . . .	5 00
Laundry . . . . .	4 25
Supplies . . . . .	9 00
Express . . . . .	51

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 \$5,094 48

Balance transferred to Contingent . . . . .	113 52
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 \$5,208 00

## FIRE DEPARTMENT

Appropriation . . . . .	\$5,333 00
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## RECEIVED

From sundry sources . . . . .	100 49
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 \$5,433 49

## EXPENDED

O. O. Ordway, Chief . . .	\$102 00
Frank E. Gray, Engineer . . .	35 41
Luke McKenney, Engineer . . .	77 00
W. R. Zwicker, Engineer . . .	49 59

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 \$264 00

Owen McKenney, Capt. Combination	10 00
E. H. Crowe, Capt. Ladder No. 1 .	10 00
Geo. F. Blanchard, Capt. Hose 1 .	10 00
O. H. Heselton, Capt. Hose 2 . .	10 00
O. H. Heselton, Steward Hose 2 . .	65 00

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 \$369 00

Pay roll call men, poll taxes . . .	\$1,400 87
Pay roll call men, July 3 . . .	52 00

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 \$1,821 87

Pay roll permanent man, H. L. Eames	954 00
Pay roll permanent man, M. J. Shannon	736 00
Pay roll permanent man, Wm. F. O'Brien	112 00
Horse hire . . . . .	645 00
Transmitter . . . . .	115 00
Batteries . . . . .	131 46
Naphtha and oil . . . . .	142 53
General supplies . . . . .	151 96
General repairs . . . . .	136 17
Lumber . . . . .	23 97
Water . . . . .	22 81
Telephone . . . . .	77 84
Laundry . . . . .	19 65
Printing . . . . .	14 50
Sounding board . . . . .	4 50
Fuel and light . . . . .	67 07
Rubber boots and coats . . . .	23 50
Services of Instructor . . . . .	42 80
Incidentals . . . . .	16 81
L. T. Eames, Supt. Fire Alarm . .	100 00
Labor . . . . .	74 05

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 \$5,433 49

## NEW HOSE

Appropriation	.	.	.	.	\$650 00
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## EXPENDED

Boston Woven Hose Co.	.	.	.	\$325 00	
C. Callahan Co.	.	.	.	325 00	
				<hr/>	\$650 00

## REPAIRS ON FIRE ALARM

Appropriation	.	.	.	.	\$400 00
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## EXPENDED

Wire	.	.	.	.	.	201 08
Labor	.	.	.	.	.	102 00
L. T. Eames, labor	.	.	.	.	.	59 05
Horse hire	.	.	.	.	.	22 50
Supplies	.	.	.	.	.	12 78

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\$397 41

Transferred to Contingent	.	.	2 59
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\$400 00

## TRANSMITTER

Appropriation	.	.	.	.	\$175 00
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## EXPENDED

Gamewell Fire Alarm & Tel. Co.	.	\$175 00
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## HYDRANT RENTALS

Appropriation	.	.	.	.	\$5,730 00
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## EXPENDED

Reading Water Works	.	.	.	.	\$5,730 00
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## MOTH DEPARTMENT

Appropriation	.	.	.	.	\$2,788 71
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Transferred from Tree Warden	.	235 00
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Received from assessments and Commonwealth of Mass.	.	2,264 28
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\$5,287 99



Balance due from Commonwealth of  
Massachusetts, Dec. 31, 1913 . . \$2,166 36

## EXPENDED

Henry M. Donegan, Supt. . . . .	\$900 00	
Pay roll . . . . .	4,463 13	
Government envelopes . . . . .	42 00	
Printing . . . . .	23 50	
Incidentals . . . . .	34 11	
Oil . . . . .	69 98	
Repairs . . . . .	15 64	
Storing machine . . . . .	10 00	
Rent of barn . . . . .	60 00	
Naphtha . . . . .	60 22	
Supplies . . . . .	14 00	
Refund assessment . . . . .	10 00	
	<hr/>	\$5,702 58
		<hr/>
		7,868 94

Balance due from Commonwealth of  
Mass. and moth assessments out-  
standing . . . . . 2,580 95

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\$5,287 99

## FOREST WARDEN

Appropriation . . . . .	\$775 00
Receipts from telephone tolls . . . . .	4 76
Received from B. & M. R. R. . . . .	17 50
	<hr/>
	797 26
Transferred from Contingent . . . . .	268 26
	<hr/>
	\$1,065 52

## EXPENDED

H. E. McIntire, Warden . . . . .	\$20 00
Geo. F. Blanchard, Deputy Warden . . . . .	15 00
Willard A. Bancroft, Deputy Warden . . . . .	15 00
John N. Weston, Deputy Warden . . . . .	15 00
A. E. Batchelder, Deputy Warden . . . . .	15 00
A. W. Newhouse, Deputy Warden . . . . .	15 00
	<hr/>
	95 00

Pay roll, forest fires . . . . .	\$648 75	
Extinguishers . . . . .	144 00	
Telephone . . . . .	18 39	
Supplies . . . . .	17 06	
Printing . . . . .	15 75	
Repairs . . . . .	27 65	
Teaming . . . . .	11 62	
Repairs on wagon . . . . .	15 00	
Lunches . . . . .	7 01	
Water . . . . .	5 29	
Care of wagon . . . . .	45 00	
Storing . . . . .	15 00	
	<hr/>	\$1,065 52

## TREE WARDEN

Appropriation . . . . .	\$500 00
Received from Malden & Melrose Gas Co. . . . .	500 00
Received from sundry parties, spraying . . . . .	10 00
	<hr/>
	\$1,010 00

## EXPENDED

Balance, 1913 . . . . .	\$29 45	
Pay roll . . . . .	598 29	
H. M. Donegan, services . . . . .	50 00	
Trees . . . . .	53 00	
Loam . . . . .	18 00	
Repair of saws, etc. . . . .	11 15	
Printing . . . . .	3 50	
Supplies . . . . .	9 55	
Incidentals . . . . .	6 74	
Transferred to Moth Dept. . . . .	235 00	
	<hr/>	1,014 68
Balance to 1915 . . . . .	4 68	
	<hr/>	\$1,010 00
Made good by amounts due from sundry parties		

## INSPECTION

## INSPECTOR OF WIRES

Appropriation . . . .	\$100 00
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## EXPENDED

J. W. Sias, Inspector . . . .	\$25 00	
A. W. Sias, Inspector . . . .	45 00	
Transferred to Contingent . . . .	5 00	
	<hr/>	75 00
Balance due A. W. Sias, Inspector		<hr/> \$25 00

## SEALER OF WEIGHTS AND MEASURES

Appropriation . . . .	\$235 00
Received from sundry parties .	25 52
	<hr/> \$260 52

## EXPENDED

F. W. Parker, salary . . . .	\$100 00	
Expenses . . . . .	3 80	
Seals . . . . .	4 02	
Horse hire . . . . .	6 00	
Printing . . . . .	9 95	
	<hr/>	\$123 77
Transferred to Contingent . . . .	136 75	
	<hr/>	\$260 52

## HEALTH AND SANITATION

## HEALTH DEPARTMENT, SALARIES

Appropriation . . . .	\$250 00
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## EXPENDED

Geo. L. Flint, Secretary . . . .	\$100 00	
E. M. Halligan, M. D. . . . .	75 00	
Dr. M. E. Brande (2 months) . . .	12 50	
Dr. C. H. Playdon (10 months) . . .	62 50	
	<hr/>	\$250 00

## HEALTH DEPARTMENT, MAINTENANCE

Appropriation . . . . .	\$1,450 00
Received from overpayment bill . . . . .	3 25
Received from City of Beverly . . . . .	218 13
	<hr/>
	\$1,671 38
Transferred from Contingent . . . . .	504 58
	<hr/>
	\$2,175 96

## EXPENDED

David M. Taggart, Inspector of Plumbing . . . . .	\$600 00
C. H. Playdon, Inspector of Animals . . . . .	125 00
J. H. Eames, Inspector Slaughtering . . . . .	100 00
Board of Health, N. Y., Virus Rabbies . . . . .	125 00
Disinfectants . . . . .	108 60
Rent . . . . .	100 08
Printing . . . . .	15 50
Branding . . . . .	2 65
Aid . . . . .	8 74
Fuel . . . . .	4 75
Express . . . . .	8 08
Ambulance . . . . .	12 00
Provisions . . . . .	19 07
Office supplies . . . . .	12 10
Lighting . . . . .	10 40
Telephone . . . . .	21 28
Medical attendance . . . . .	21 00
Contagious diseases:	
City of Somerville . . . . .	137 14
City of Boston . . . . .	55 71
City of Malden . . . . .	688 86
	<hr/>
	\$2,175 96

## HIGHWAYS, BRIDGES AND SIDEWALKS

## HIGHWAY DEPARTMENT

Appropriation . . . . .	\$4,470 00
Transferred from Oiling Streets . . . . .	200 00
Transferred from Street Watering . . . . .	300 00

## RECEIVED

Bay State Street Railway . . . . .	\$6,568 96
Sundry sources . . . . .	364 18
Transferred from Contingent . . . . .	298 22
	<hr/>
	\$12,201 86

## EXPENDED

E. H. Crowe, Supt. . . . .	\$1,004 00
Pay roll . . . . .	7,683 22
Tarvia . . . . .	1,039 33
Oil Cart . . . . .	600 00
Stone and Gravel . . . . .	484 02
Express and freight . . . . .	264 47
Repairing lawns, Lowell St. . . . .	209 11
Liability Insurance . . . . .	147 55
Cement and pipe . . . . .	99 87
Catch basins . . . . .	30 00
Drag . . . . .	21 00
Signs . . . . .	4 00
Gaskets . . . . .	12 72
Repairs on roller . . . . .	79 10
Inspection of boiler . . . . .	5 00
Tools . . . . .	15 00
Plans . . . . .	20 60
Rubber boots . . . . .	4 50
Telephone . . . . .	20 62
Horse hire . . . . .	124 00
Fuel . . . . .	175 26
Concreting . . . . .	81 00
General repairs . . . . .	188 98
Sundry supplies . . . . .	147 12
	<hr/>
	\$12,460 47
Balance to 1915 . . . . .	258 61
	<hr/>
	\$12,201 86

Made good by bills outstanding.

## LAYING OUT PRESCOTT STREET

Appropriation . . . . .	\$700 00
EXPENDED	
For land F. J. Bancroft . . . . .	400 00
For land E. N. Dillaway . . . . .	100 00
Pay roll . . . . .	190 75
Plans . . . . .	2 60
	<hr/>
	\$693 35
Transferred to Contingent . . . . .	6 65
	<hr/>
	\$700 00

## SNOW AND ICE

Appropriation . . . . .	\$1,200 00
Transferred from Contingent . . . . .	199 79
	<hr/>
	\$1,399 79

## EXPENDED

Pay roll and labor . . . . .	\$1,155 99
Teams, Reading Ice Co. . . . .	16 80
Teams, E. C. Hanscom . . . . .	46 00
Teams, Wm. Kelch . . . . .	26 65
Teams, Jason Zwicker . . . . .	44 10
Teams, W. A. Bancroft . . . . .	26 25
Gravel . . . . .	63 60
Repairing plow . . . . .	1 75
Pumping out cellar . . . . .	8 00
Supplies . . . . .	10 65
	<hr/>
	\$1,399 79

## SURFACE DRAINAGE, MT. VERNON ST.

Appropriation . . . . .	\$300 00
EXPENDED	
Pay roll . . . . .	\$120 75
Catch basin . . . . .	74 00
Pipe and cement . . . . .	100 50
	<hr/>
	\$295 25
Balance to Contingent . . . . .	4 75
	<hr/>
	\$300 00

## LOWELL STREET MACADAM

Appropriation . . . . .	\$2,000 00
Received from Commonwealth of Mass. . . . .	4,250 00
Transferred to Commonwealth of Mass. . . . .	250 00
	<hr/>
	\$6,500 00

## EXPENDED

Balance from 1913 . . . . .	\$2,052 54
Pay roll . . . . .	2,654 00
Freight and express . . . . .	301 38
Stone . . . . .	489 68
Lumber . . . . .	7 44
Tarvia . . . . .	498 23
Grates . . . . .	9 10
Cement and pipe . . . . .	18 15
Fuel . . . . .	11 50
Supplies . . . . .	4 75
	<hr/>
	\$6,046 77
Balance to 1915 . . . . .	453 23
	<hr/>
	\$6,500 00

## LOWELL STREET MACADAM

## Commonwealth of Massachusetts

Balance due on 1913 account . . .	\$100 00
Balance due on 1914 account . . .	150 00
	<hr/>
	\$250 00
Received from Commonwealth of Mass. 1913 account . . . . .	100 00
	<hr/>
Balance due from Commonwealth of Mass. . . . .	\$150 00



## HAVERHILL STREET

Appropriation	.	.	.	.		\$1,000 00
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## EXPENDED

Pay roll	.	.	.	.	.	\$913 44
Balance to 1915	.	.	.	.	.	86 56
						<hr/> \$1,000 00

## CONCRETE SIDEWALK REPAIRS

Appropriation	.	.	.	.		\$1,000 00
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## EXPENDED

F. L. Mulroney, concreting	.	.	.	.	.	\$995 50
Balance to Contingent	.	.	.	.	.	4 50
						<hr/> \$1,000 00

## STREET WATERING

Appropriation	.	.	.	.		\$1,000 00
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## EXPENDED

Reading Water Works, water	.	.	.	.	.	\$300 00
Oiling	.	.	.	.	.	90 10
Pay roll	.	.	.	.	.	237 67
Storing cart	.	.	.	.	.	5 00
						<hr/> \$632 77

## TRANSFERRED

To highways	.	.	.	.	.	\$300 00
To oiling	.	.	.	.	.	10 27
To contingent	.	.	.	.	.	56 96
						<hr/> \$1,000 00

## OILING STREETS

Appropriation	.	.	.	.		\$3,000 00
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## RECEIPTS

From sundry parties	.	.	.	.		87 13
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## TRANSFERRED

From street watering	.	.	.	.		10 27
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\$3,097 40

## EXPENDED

Transferred to Highway Department .	\$200 00
Pay roll . . . . .	177 01
Indian Refining Co., oil . . . . .	964 35
Alden, Spears' Sons Co., oil . . . . .	1,709 37
Freight . . . . .	28 00
Supplies . . . . .	2 70
Repairs . . . . .	15 97
	<hr/> \$3,097 40

## NEW STREET LIGHTS

Appropriation . . . . .	\$1,200 00
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## EXPENDED

Municipal Light Department . . . . .	\$1,200 00
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## DRINKING FOUNTAINS

Appropriation . . . . .	\$300 00
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## EXPENDED

Reading Water Dept. . . . .	150 00
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Balance to 1915 due Water Dept.	<hr/> \$150 00
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## CONCRETE SIDEWALKS

Appropriation . . . . .	\$500 00
Balance to 1915 . . . . .	\$500 00

## STREET LIGHTING

Appropriation . . . . .	\$4,500 00
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## EXPENDED

Municipal Light Department . . . . .	\$4,500 00
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## CHARITIES

## POOR DEPARTMENT

## RECEIVED

Appropriation . . . . .	\$3,200 00
City of Somerville . . . . .	45 26
E. L. Hutchinson, refund salary, 1913 . . . . .	25 00
Sundry receipts . . . . .	102 00
	<hr/>
	\$3,372 26

## EXPENDED

## General Administration—Salaries:

Otis B. Ruggles . . . . .	\$100 00
Edwin L. Hutchinson . . . . .	100 00
James W. Killam, 2 months . . . . .	16 67
Edgar O. Dewey, 10 months . . . . .	83 33

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 300 00

Office supplies . . . . .	10 50
Groceries and provisions . . . . .	316 43
Fuel . . . . .	93 25
Cash aid and board . . . . .	603 09
Nursing . . . . .	15 50
Boots and shoes . . . . .	14 50
Professional services and medicine . . . . .	9 50

## Cities and Towns:

City of Malden . . . . .	70 10
City of Boston . . . . .	228 57
City of Everett . . . . .	29 00
City of Woburn . . . . .	136 41

## Commonwealth of Massachusetts:

State Board of Charity . . . . .	291 50
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 \$2,118 35

Overdraft from Town Home acct. . . . .	2,035 75
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 4,154 10

Transferred from Contingent . . . . .	781 84
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 \$3,372 26

## TOWN HOME ACCOUNT

## RECEIVED

From board . . . . .	\$141 00
From sale of milk and produce . .	448 49
	<hr/>
	\$589 49

## EXPENDED

Salary, L. A. Deming, Supt. . .	\$500 00
Services of Mrs. Heilge . . .	172 50
Cider vinegar . . . . .	19 15
Shoeing . . . . .	28 90
Groceries and provisions . . .	354 20
Fuel . . . . .	160 68
Hay and grain . . . . .	590 71
Lighting . . . . .	37 00
Water . . . . .	33 86
Telephone . . . . .	17 72
Repairs . . . . .	162 66
Cleaner . . . . .	33 33
Live stock . . . . .	9 50
Slaughtering . . . . .	6 00
Seeds . . . . .	25 35
Shoes . . . . .	9 30
Clothing . . . . .	18 35
Professional services and medicines .	114 94
Burial of two inmates . . .	70 00
Ice . . . . .	13 85
Barrels . . . . .	10 00
Freight . . . . .	17 50
Supplies . . . . .	151 66
Incidentals . . . . .	68 08

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\$2,625 24

Less receipts . . . . . 589 49

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Balance to Poor Account . . . \$2,035 75

## MOTHERS WITH DEPENDENT CHILDREN,

## Chap. 763, Acts 1913

Appropriation . . . .	\$1,500 00
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## RECEIVED

From City of Chelsea . . . .	\$44 00
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From City of Everett . . . .	30 67
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	\$1,574 67
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## EXPENDED

For aid sundry parties . . . .	\$1,376 20
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Balance to Contingent account . .	198 47
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	\$1,574 67
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## THE COMMONWEALTH OF MASS., CHAP. 763, ACTS 1913

Balance from 1913 . . . .	\$305 65
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## RECEIVED

From the Commonwealth . . . .	\$1,483 33
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## EXPENDED

For aid sundry parties . . . .	\$1,703 80
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	\$2,009 45
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Balance due to 1915 . . . .	526 12
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	\$2,009 45
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## CITY OF SOMERVILLE,

## Chap. 763, Acts 1913

## RECEIVED

From City of Somerville . . . .	\$476 00
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Balance from 1913 . . . .	\$192 00
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## EXPENDED

For aid sundry parties . . . .	530 00
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	\$722 00
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Balance due to 1915 . . . .	246 00
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	\$722 00
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## \* CITY OF SOMERVILLE—POOR DEPT.

Balance from 1913 . . . .	\$114 51	
Transferred to poor dept. . . .	45 26	
	<hr/>	\$159 77

## RECEIVED

From City of Somerville . . . .	\$159 77
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## TOWN OF METHUEN

Balance from 1913 . . . . .	\$104 97
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## RECEIVED

Town of Methuen . . . . .	\$104 97
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## EXPENDED

For fuel and groceries . . . .	\$194 97
Balance due to 1915 . . . .	\$194 97

## CITY OF SPRINGFIELD

## Chap. 763, Acts 1913

## EXPENDED

For Aid . . . . .	\$32 00
Balance to 1915 . . . . .	\$32 00

## CITY OF BOSTON

Balance due to 1915, for Aid . . .	\$7 55
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## CITY OF SALEM, POOR DEPARTMENT

## EXPENDED

For Aid . . . . .	\$38 00
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## RECEIVED

For Aid . . . . .	\$38 00
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## TOWN OF NORFOLK

Balance from 1913 . . . . .	\$128 25
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## RECEIVED

For Aid . . . . .	\$128 25
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## EXPENDED

For groceries and provisions . . .	\$133 88
Balance due to 1915 . . . .	

## THE COMMONWEALTH OF MASS.

Balance due from 1913 . . . .	\$606 87
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## RECEIVED

From Commonwealth of Mass. . . .	166 74
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 \$440 13

## EXPENDED

For Aid . . . . .	\$164 27
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 \$604 40

## SOLDIERS' BENEFITS

## SOLDIERS' RELIEF

Appropriation . . . . .	\$750 00
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## EXPENDED

For pay roll and aid . . . . .	\$542 25
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Transferred to Contingent . . . .	207 75
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 \$750 00

## BURIAL OF SOLDIERS

Balance from 1913 . . . . .	\$31 00
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## RECEIVED

From the Commonwealth of Mass. .	\$37 00
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## EXPENDED

Burial of two soldiers . . . . .	\$100 00
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 \$131 00

Due from the Commonwealth . . .	\$94 00
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 \$131 00

## STATE AID

Balance from 1913 . . . . .	\$1,694 00
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## RECEIVED

From the Commonwealth of Mass. .	\$1,702 00
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## EXPENDED

For pay roll . . . . .	\$1,674 00
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Balance due from Com. of Mass. .	1,666 00
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 \$3,368 00    \$3,368 00



## EDUCATION

## SCHOOL DEPARTMENT

Appropriation . . . . .	\$40,500 00
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## RECEIVED

Tuition from North Reading . . . . .	1,766 25
Tuition from J. W. Manning . . . . .	20 00
Tuition of State minor wards . . . . .	31 20
Tuition of Boston minor wards . . . . .	62 50
Reimbursement, Industrial Schools . . . . .	127 50
Rent of John St. Schoolhouse . . . . .	66 00
Rent of High School Hall . . . . .	3 00
Telephone tolls . . . . .	12 57
Sale of books . . . . .	9 42

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\$42,598 44

## EXPENDED

Teachers' and Supt's. salaries . . . . .	\$28,463 70
Janitors' salaries . . . . .	3,474 50
Truant Officer . . . . .	104 00
Medical Inspector . . . . .	200 00
Census Enumerator . . . . .	65 00

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\$32,307 20

Transportation of pupils . . . . .	850 00
Tuition paid Industrial School . . . . .	408 50
Books . . . . .	1,291 17
Supplies for pupils . . . . .	1,771 34
Apparatus for Teaching . . . . .	290 00

## General Expenses:

Printing and advertising . . . . .	157 51
Office supplies . . . . .	40 39
Telephones . . . . .	124 46
School Committee, expenses . . . . .	30 80
Superintendent's expenses . . . . .	4 65
Fuel . . . . .	3,153 74

## Building Maintenance :

Lighting . . . . .	\$147 06
Water . . . . .	291 76
Removal of ashes . . . . .	122 01
Janitor supplies . . . . .	397 24

## Repairs :

Building . . . . .	813 08
Furniture . . . . .	232 18
Grounds . . . . .	163 35

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\$42,596 44

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Balance to Contingent . . . \$2 00

## SCHOOL DEPARTMENT

## SPECIAL REPAIRS

Appropriation . . . . . \$1,050 00

## EXPENDED

Henry D. Stokes, painting Chestnut St.

School . . . . . \$60 00

D. F. Horne, painting Centre School . 166 31

E. J. Roundy, shingling Chestnut St.

School . . . . . 156 50

H. L. Park, repairing Centre School . 80 00

Hodson Bros., tinting room, Highland

School . . . . . 100 00

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562 81

Balance on hand to 1915 for shing-  
ling Union St. School . . .

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\$487 19

## NEW TYPEWRITERS

Appropriation . . . . . \$600 00

## EXPENDED

Underwood Typewriter Co. . . . . 600 00

## PUBLIC LIBRARY

Appropriation . . . . .	\$1,445 00
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## RECEIVED

From Middlesex County Dog Tax . . . . .	672 22
From fines, etc. . . . .	83 00

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2,200 22

## EXPENDED

For salaries :

Bertha L. Brown . . . . .	\$300 00
Grace J. Abbott . . . . .	52 51
C. H. Stinchfield . . . . .	55 36

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\$407 87

Janitor service . . . . .	35 00
Fuel and heating . . . . .	138 31
Rent . . . . .	600 00
Books . . . . .	722 90
Periodicals . . . . .	74 75
Printing . . . . .	51 20
Lighting . . . . .	16 60
Furniture . . . . .	45 00
Binding books . . . . .	62 75
Subscription . . . . .	10 00
Express . . . . .	7 18
Supplies and incidentals . . . . .	9 00
Expenses Bertha L. Brown . . . . .	9 35

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\$2,199 91

Transferred to Contingent . . . . .	31
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## FIRE LOSS

Balance from 1913 . . . . .	\$1,202 68
Transferred to Contingent . . . . .	1,202 68

## RECREATION AND CELEBRATION

## RENT OF PLAYGROUND

Appropriation . . . . .		\$342 00
RECEIVED		
From Wheeler Bros. Circus . . . .		20 00
		<hr/>
		\$362 00
EXPENDED		
Delia E. Sweetser, rent . . . . .	\$342 00	
Repairs to field . . . . .	15 00	
	<hr/>	\$357 00
Transferred to Contingent . . . . .		\$5 00

## CARE AND IMPROVEMENT OF COMMON

Appropriation . . . . .		\$150 00
EXPENDED		
Albert Green, services . . . . .	\$41 50	
Painting band stand . . . . .	55 00	
Repairs band stand . . . . .	1 75	
Drinking fountains . . . . .	3 81	
	<hr/>	\$102 06
Balance transferred to Contingent		\$47 94

## MEMORIAL DAY

Appropriation . . . . .		\$200 00
EXPENDED		
Post 194, G. A. R. . . . .		\$200 00

## BAND CONCERTS

Appropriation . . . . .		\$200 00
EXPENDED		
Chapman's Band . . . . .	\$100 00	
Reading Brass Band . . . . .	100 00	
	<hr/>	\$200 00

## CEMETERIES

## LAUREL HILL

Balance from 1912 . . . .	\$210 26
Appropriation . . . .	1,200 00

## RECEIVED

Interest for care of lots . . . .	705 50
Sundry receipts . . . .	3 00

## TRANSFERRED

From sale of lots and graves for re- moval of ledge . . . .	1,500 00
	<hr/>
	\$3,618 76

## EXPENDED

Pay roll . . . . .	\$1,607 50
A. W. Danforth, services, Secretary . .	75 00
A. W. Danforth, expenses . . . .	9 75
Bouquets . . . . .	260 15
Concreting . . . . .	74 70
Lawn seed . . . . .	34 50
Survey and plans . . . . .	14 20
Repairs . . . . .	5 70
Supplies . . . . .	24 06
Lawn mower . . . . .	5 50
Express . . . . .	35
Loam . . . . .	5 00
Printing . . . . .	2 00
Removal of ledge, A. Michelini, con- tractor . . . . .	1,500 00
	<hr/>
	3,618 41
	<hr/>
Balance transferred to Contingent	35

## MUNICIPAL INDUSTRIES

## MUNICIPAL LIGHT DEPT.--UNPAID CONSTRUCTION BILLS

Appropriation . . . . .	\$2,932 07
EXPENDED	
Municipal Light Board . . . . .	\$2,932 07

## WATER DEPARTMENT

## MUNICIPAL LIGHT DEPARTMENT

(For details see respective reports)

## MUNICIPAL INDEBTEDNESS MATURING IN 1914

Appropriation . . . . .	\$17,725 00
TRANSFERRED	
Transferred from Contingent . . . . .	2,200 00
Transferred from Grouard Estate . . . . .	475 00
RECEIVED	
From Water Department . . . . .	3,000 00
Paid by Municipal Light Dept. . . . .	9,000 00
	<hr/>
	\$32,400 00

## EXPENDED

Municipal Light Dept. loans . . . . .	\$9,000 00
Water Department bonds . . . . .	8,000 00
High School building . . . . .	5,000 00
Highland School building . . . . .	3,000 00
Lowell Street School building . . . . .	1,000 00
School deficiency loan . . . . .	2,700 00
Current expense bonds . . . . .	1,200 00
Grouard Estate . . . . .	1,000 00
Auto Chemical Truck . . . . .	1,500 00
	<hr/>
	\$32,400 00

## INTEREST ACCOUNT

Appropriation . . . . .	\$4,512 50
RECEIPTS	
Interest on deposit . . . . .	344 13
Interest on sundry account . . . . .	93
Interest on taxes . . . . .	2,224 02
	<hr/>
	\$7,081 58

## EXPENDED

Interest on temporary loans . . .	\$3,074 93
Interest on general loan . . .	849 50
Interest on cemetery bequest . . .	273 89
Interest on school department . . .	2,463 00
	<hr/>
	\$6,661 32
Balance to Contingent . . .	\$420 26

## AGENCY AND TRUST TRANSACTIONS

## STATE TAX

From tax levy . . . . .	\$13,037 50
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## EXPENDED

To the Commonwealth of Mass. . .	\$13,037 50
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## COUNTY TAX

From tax levy . . . . .	\$7,149 00
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## EXPENDED

Treasurer Middlesex County . . .	7,149 00
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## WELLINGTON BRIDGE TAX

From tax levy . . . . .	\$51 84
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## EXPENDED

The Commonwealth of Mass. . .	\$51 84
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## HIGHWAY TAX

From tax levy . . . . .	\$329 60
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## EXPENDED

The Commonwealth of Mass. . .	\$329 60
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## BAY STATE ST. RAILWAY TAX

## RECEIVED

From the Commonwealth of Mass. .	\$3,794 58
From the Bay State St. Railway tax .	2,774 38
	<hr/>

\$6,568 96

## EXPENDED

For Highway . . . . .	\$6,568 96
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## CORPORATION TAX

## RECEIVED

From the Commonwealth of Mass. .	\$6,446 28
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## EXPENDED

Amount used in tax levy, 1914 . .	\$6,000 00	
Transferred to Contingent . .	446 28	
	<u>          </u>	6,446 28

## NATIONAL BANK TAX

## RECEIVED

From the Commonwealth of Mass. .		\$765 12
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## EXPENDED

To the Commonwealth of Mass. . .	\$428 55	
Transferred to Contingent . .	336 57	
	<u>          </u>	\$765 12

SCHEDULE OF REAL ESTATE AND PERSONAL  
PROPERTY OWNED BY THE TOWN OF READING  
DECEMBER 31, 1914

## SCHOOLS

Buildings and land . . . . .	\$214,000 00	
Personal . . . . .	15,000 00	
	<u>          </u>	\$229,000 00

## PARKS

Common . . . . .	\$10,000 00	
Band Stand . . . . .	500 00	
Mayall Park . . . . .	500 00	
Washington Park . . . . .	500 00	
	<u>          </u>	\$11,500 00

## TOWN BUILDINGS

Town Building . . . . .	\$21,400 00	
Grouard Estate . . . . .	10,700 00	
Police (personal) . . . . .	311 50	
	<u>          </u>	\$32,411 50

## FIRE DEPARTMENT

Fire Houses . . . . .	\$6,600 00	
Personal . . . . .	20,905 00	
	<u>          </u>	\$27,505 00

## LIBRARIES

Personal . . . . .		\$3,500 00
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## WATER DEPARTMENT

Buildings and land . . . . .	\$52,000 00	
Machinery and tools . . . . .	31,000 00	
	<u>          </u>	\$83,000 00

## HIGHWAYS

Tool house . . . . .	\$500 00	
Personal . . . . .	3,502 10	
	<hr/>	\$4,002 10

## POOR DEPARTMENT

Town Home . . . . .	\$9,500 00	
Personal (Town Home) . . . . .	3,300 00	
	<hr/>	\$12,800 00

## LAND

Land off Grove st., near golf links	\$200 00	
Land west of John street . . . . .	50 00	
Land west of John street . . . . .	50 00	
Land Ash street, near railroad . . . . .	1,200 00	
	<hr/>	\$1,500 00

## CEMETERY

Land (estimated) . . . . .	\$25,000 00	
Tool house . . . . .	100 00	
Personal . . . . .	200 00	
	<hr/>	\$25,300 00

## MUNICIPAL LIGHT DEPARTMENT

Building and land . . . . .	\$18,600 00	
Personal . . . . .	142,300 00	
	<hr/>	\$160,900 00

Total value of real and personal property Dec. 31, 1914 . . . . .	\$591,418 60
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## EXEMPTED PROPERTY

The following is a schedule of property used for religious and other purposes and by law exempt from taxation as reported by the Assessors Dec. 31, 1914:

Baptist Society . . . . .	\$26,000 00
Congregational Society . . . . .	86,350 00
Old South M. E. Church . . . . .	43,000 00
Christian Union Society . . . . .	26,500 00
St. Agnes' Roman Catholic Church . . . . .	48,600 00
Home for Aged Women . . . . .	5,800 00
Quannapowitt Agricultural Association . . . . .	13,800 00
Fathers' and Mothers' Club . . . . .	3,850 00
U. S. Government P. O. Dept., Land . . . . .	6,500 00
	<hr/>
	\$260,400 00

## H. M. VIAL, COLLECTOR,

DR.

Amount uncollected tax, 1909 . . . .	\$147 00
Uncollected tax, 1910 . . . .	88 65
Uncollected tax, 1911 . . . .	1,914 46
Interest, 1911 . . . .	5 98
Uncollected tax, 1912 . . . .	11,157 18
Interest, 1912 . . . .	956 48
Error, 1912 . . . .	05
Uncollected tax, 1913 . . . .	44,065 79
Interest, 1913 . . . .	1,147 99
Committed warrant, 1914 . . . .	148,280 09
Committed warrant error, 1914 . .	08
Moth tax, 1914 . . . .	1,329 50
Moth tax error, 1914 . . . .	1 00
Excise tax, 1914 . . . .	2,798 40
Supplementary tax, 1914 . . . .	1,107 82
Supplementary moth tax, 1914 . .	1 50
Interest, 1914 . . . .	115 07
Paid after abatement . . . .	8 90
Account of certificates . . . .	11 00
Account of redemption . . . .	277 20
Account of postage . . . .	2 25
	<hr/>
	\$213,416 39

## IN ACCOUNT WITH TOWN OF READING

CR.

By cash to W. C. Mansfield, Treasurer, account	
1909 . . . . .	\$90 00
Abatement, account 1909 . . . . .	57 00
Abatement, account 1910 . . . . .	88 65
Cash to W. C. Mansfield, Treasurer, account	
1911 . . . . .	972 92
Abatement, account 1911 . . . . .	947 52
Cash to W. C. Mansfield, Treasurer, account	
1912 . . . . .	11,289 42
Abatement, account 1912 . . . . .	366 68
Cash to W. C. Mansfield, Treasurer, account	
1913 . . . . .	32,901 81
Abatement, account 1913 . . . . .	2,242 35
Cash to W. C. Mansfield, Treasurer, account	
1914 . . . . .	100,758 05
Abatement, account 1914 . . . . .	587 61
Cash to W. C. Mansfield, Treasurer, account	
Miscellaneous Receipts . . . . .	299 35
Uncollected taxes, 1912 . . . . .	457 61
Uncollected taxes, 1913 . . . . .	10,069 62
Uncollected taxes, 1914 . . . . .	52,287 80
	\$213,416 39

H. M. VIALI, Collector.

Reading, December 31, 1914.

Approved:

JOHN H. SHELDON, Town Accountant.



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**REPORTS OF DEPARTMENTS**

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## REPORT OF ASSESSORS

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### Valuation of Real Estate :

Buildings excluding land . . . . .	\$3,836,075 00
Land excluding buildings . . . . .	2,305,905 00
<hr/>	
Total real estate . . . . .	\$6,141,980 00
Personal estate excluding resident bank stock	1,349,925 00
Resident bank stock . . . . .	27,050 00
<hr/>	
Total personal estate . . . . .	\$1,376,975 00
Total real and personal estate assessed April 1, 1914 . . . . .	7,518,955 00
<hr/>	
Real estate increase over 1913 . . . . .	\$421,600 00
Personal estate increase over 1913 . . . . .	125,572 00
<hr/>	
Total increase . . . . .	\$547,172 00
Tax on real estate . . . . .	\$117,926 02
Tax on personal estate . . . . .	26,438 07
Tax on polls . . . . .	3,916 00
Tax on real estate for moth work . . . . .	1,329 50
<hr/>	
Total tax assessed April 1, 1914 . . . . .	\$149,609 59
Personal estate assessed Dec. 18, 1914 . . . . .	56,495 00
Real estate assessed Dec. 18, 1914 . . . . .	1,100 00
Polls assessed since April 1, 1914 . . . . .	2 00
Tax assessed as supplementary on personal estate Dec. 16, 1914 . . . . .	1,084 70
Tax assessed as supplementary on real estate Dec. 16, 1914 . . . . .	21 12
Street Railway Excise Tax on 12.047 miles . . . . .	2,798 40

Total personal estate assessed in 1914 . . . . .	\$1,433,470 00
Total real estate in 1914 . . . . .	6,143,080 00
<hr/>	
Total valuation year 1914, April and Dec. assessments . . . . .	\$7,576,550 00
Total assessed from all sources 1914 . . . . .	153,515 81
Total assessed in 1913 . . . . .	142,282 78
<hr/>	
Gain in 1914 over 1913 . . . . .	\$11,233 03
State highway tax . . . . .	\$329 60
Wellington Bridge tax . . . . .	51 84
State tax . . . . .	13,037 50
County tax . . . . .	7,159 78
<hr/>	
Total State and County tax 1914 . . . . .	\$20,578 72
Total State and County tax 1913 . . . . .	18,170 96
<hr/>	
1914 in excess of 1913 . . . . .	\$2,407 76
Balance used for Town purposes . . . . .	\$132,937 09
Rate of taxation, \$19.20 per \$1,000.	
Total number of persons assessed on property . . . . .	2004
Total number of persons assessed on polls only . . . . .	1107
<hr/>	
Total number of separate assessments . . . . .	3111
Total number of polls April 1, 1914 . . . . .	1958
Number of polls added since . . . . .	1
<hr/>	
Total number assessed . . . . .	1959
Decrease of polls over 1913 . . . . .	2
Number of horses . . . . .	313
Number of cows . . . . .	265
Number of neat cattle . . . . .	72
Number of swine . . . . .	87
Number of fowls . . . . .	16,017
Number of dwellings . . . . .	1540
Number of new dwellings . . . . .	37
Number of acres of land . . . . .	5734

## ASSESSORS' REPORT ON THE SURVEY OF LAND UNDER THE BLOCK SYSTEM

During the past year we had two plans made containing 74 lots, and the Civil Engineer has partially completed five other plans containing about 200 lots.

Plot 1—West of Reading Square, between Haven and Woburn streets, to Linden street.

Plot 2—South of Haven street and west of Main street to B. & M. R. R.

Plot 3—North of Green street to Pleasant street, east of Main street to John street.

Plot 4—North of Pleasant street to Salem street, east of Main street to John street.

Plot 5—North of Salem street to Charles street, east of Main street to Pearl street.

Plot 6—East of Main street, including parts of Charles, Harrison and Pearl streets.

Plot 7—North of Mt. Vernon street to Middlesex avenue, east of Kingston street to Lowell street.

Plot 8—West of Kingston street to School street, south of Middlesex avenue.

Plot 9—West of School street to High street, south of Middlesex avenue.

Plot 10—North of Haven street, vicinity of B. & M. R. R. station.

Plot 11—South of Prescott street to Warren avenue, west of B. & M. R. R.

Plot 12—Sunnyside land, C. S. Pratt's, south of Prescott street.

Plot 13—North of Prescott street, west of Arlington street.

Plot 14—North of Prescott street to Temple street, east of Summer avenue.

Plot 15—South of Prescott street, east of Summer avenue.

Plot 16—North of Middlesex avenue, east of Bancroft ave.

Plot 17—South of Salem street to Pleasant street, easterly to Eaton street.

- Plot 18—North of Avon street, between Minot street and Ash street.
- Plot 19—South of Mineral street, B. & M. R. R., west of High street.
- Plot 20—South of Washington street on Main street, Sweetser Homestead.
- Plot 21—South of Woburn street to Howard street on West street, east of West street.
- Plot 22—North of Woburn street to King street, west of Summer avenue to West street.
- Plot 23—North of Temple street to King street, east of Summer avenue.
- Plot 24—West of High street to Temple street, north of No. 1 Washington street.
- Plot 25—North of King street to Mineral street, east of Summer avenue to Hancock street extension.
- Plot 26—North of Mineral street to Woodbine street, east of Summer avenue to Hancock street.
- Plot 27—North of Howard street to Woburn street, Perkins estate, etc.
- Plot 28—North of Oak street to Howard street, east of West street to Sigsbee avenue, Scotland.
- Plot 29—North of Oak street to Howard street, Scotland road, etc., Scotland.
- Plot 30—North of Oak street to Howard street, west of Summer avenue, Scotland.
- Plot 31—North of Mineral street and east of railroad to Grand street.
- Plot 34—West of Bancroft avenue and north of Middlesex avenue.

The Town has appropriated	.	.	.	.	.	\$2,000 00
There has been expended	.	.	.	.	.	\$1,672 14

We have a balance on hand unexpended of \$327.86, for the reason that the Engineer has actually done the work but has not presented his bill, as he has not completed several plans.

We recommend that the sum of \$500 be raised and appropriated to continue this work the coming year.

We invite inspection of our work by any citizen or citizens who are interested.

MILLARD F. CHARLES

GEORGE E. HORROCKS

ARDINE M. ALLEN

Board of Assessors.

## REPORT OF SUPERINTENDENT OF STREETS

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TO THE HONORABLE BOARD OF SELECTMEN:

I herewith submit a general summary of the work of the Highway Department for the past year. Owing to the weather conditions of the past winter and the long dry spells through the summer, I feel as though the streets with few exceptions have been in good condition. The surface drainage is one of the most serious problems that this department has to contend with. Drainage is the principal thing in the construction of a highway. In most gravel banks there is a large amount of stone which cannot be used on the streets without being broken up. With the use of a portable stone crusher this could be used, and would show a great improvement in the resurfacing of streets, and I would recommend the purchase of a crusher and 25 horse power electric motor which would cost approximately \$1,800. Owing to the increasing demands on this department, and the need of getting from one job to another as quick as possible. I would again recommend the purchase of a motor truck.

### CONSTRUCTION

Another section of Lowell St. has been constructed in conjunction and under the direction of the Mass. Highway Commission. This section is 1200 feet long, 15 feet wide, with 4 inches of trap rock bound with sand and a 2-inch wearing surface of trap rock grouted with two applications of refined tar, all on a 9-inch gravel base. Another application of refined tar, at the rate of one-fourth gallon per square yard, should be applied in the spring. This was



rather an expensive job, owing to the changing of grades near High St., which necessitated the cutting through of considerable ledge, but is a great improvement over the old road.

Three thousand feet of gravel road has been constructed on Haverhill St., from Pine St. (north), average width 18 feet, 8 inches thick in centre, 5 inches at sides. This should be oiled in the spring.

In the south part of the Town gravel grading was done: on South St. 800 feet, Hopkins St. 1100 feet, Walnut St. 1700 feet, Summer Ave. 1500 feet; average width, 18 feet; average thickness, 9 inches. The gravel obtainable in the south part of the town with which these streets were graded was not first-class gravel, but owing to the extreme dryness of the summer they have not been in as good a condition as they otherwise would have been, but after they have weathered the winter they can be put in good condition in the spring with very small expense.

Harrison St., from Salem to Orange St., has been graded with broken stone and gravel 16 feet wide. Owing to the bad condition of the street the grade was raised 15 inches. Copeland Ave., from Woburn St. 300 feet, 15 feet wide and 6 inches thick, was graded with broken stone and gravel. Pearl St., from Charles St. north 2000 feet, 15 feet wide, 6 inches thick, was graded with broken stone and gravel.

The old macadam on Prescott St. has been resurfaced and carried 250 feet west at a cost of \$550. Two applications of refined tar was used in this work. On High St., between Haven and Washington St., a tar macadam road was constructed 15 feet wide, 6 inches thick. Considerable repair work has been done on Grove St., Linden St., Woburn St. and numerous small repairs in various sections of the Town. The west end of Prescott St. has been widened to 50 feet, but the grade of Prescott St., between Summer Ave. and West St., should be changed to conform to plans on file at this office.



## MAINTENANCE

The general routine work of this department has been attended to, such as cleaning of ditches, catch-basins, cleaning of gutters, cutting grass, disposal of leaves, keeping of culverts in repair, and the use of a push cart in and around the Square. A blanket coat of Tarvia B has been applied to all macadam roads in Town, of which 11,000 gallons were used; 1400 feet of old guard rail has been replaced with new.

## SIDEWALKS

There has been a new sidewalk constructed on the north side of Dudley St., 750 feet long, 6 feet wide. Short sections of new sidewalk have been constructed on Oak St., Mineral St., High St., Orange St., Locust St. and Wilson St. About four miles of old sidewalks has been resurfaced with sugar gravel. The sidewalk on So. Main St., near the Stoneham line, was not done owing to the inability to come to an agreement with the engineers of the Mass. Highway Commission over the crossing of an open drain: but I think an agreement can be reached so that this can be done as soon as the weather permits. There has been 3019 square yards of old concrete repaired at an average cost of 35 cents per square yard, some of which was in very bad shape. I would recommend that the Town adopt the policy of building sidewalks of more permanent construction.

## DRAINAGE

Three new catch-basins have been constructed at the corner of Mineral and Hancock Sts., which have done away with a very bad place at the approach to the B. & M. R. R. bridge. Two catch-basins with 300 feet of outlet pipe have been constructed on Mt. Vernon St. to change the course of the water. A catch-basin has been built on Minot St., near Main, which has done away with a dangerous gutter owing to the street being narrow at this point. A catch-basin has been built on Summer Ave., near Woburn St. There are

several bad gutters at intersection of streets which should be done away with by the construction of catch-basins or under drains.

### DUST NUISANCE

In addition to the use of the street sprinkler there has been used 53,498 gallons of oil of several kinds, covering 320,988 square yards of road surface, or approximately 30 miles. One great trouble with the oils used as a dust layer is that after a rain they do not dry as quickly as other streets and, therefore, there is more or less mud, especially in the spring when the frost is coming out of the ground. Where we have used an asphalt oil it has given good results and lasted much longer than the other oils, and I would recommend the continued use of it. By the addition of a pressure distributor the oiling the past season has been done in a more satisfactory manner than could possibly have been done under the old method.

### SNOW REMOVAL

The heavy fall of snow during the week ending Feb. 21, followed by the all day rain of March 1, made the travelling very hard for a few days, but was handled in a satisfactory manner by this department.

### RECOMMENDATIONS

I would recommend the purchase of a stone crusher, which is much needed; the purchase of a small motor truck for use of this department; that Woburn St., from Lowell St. to B. & M. R. R., be macadamized, estimated cost \$3,000; that tar macadam be laid on Woburn St., between Summer Ave. and West St., estimated cost \$1,600; that Prescott St. macadam be continued to Summer Ave., estimated cost \$1,000; Main St., from Haven to Washington St., should be re-surfaced, estimated cost \$1,500; Haverhill St. to continue gravel road, \$1,000; an appropriation to continue the work on Lowell St.; that Haven St., from Main to John St.,

be rebuilt, estimated cost \$1,400; that the south side of Haven St., from Linden St. to the depot, be resurfaced, estimated cost \$800; that gravel grading be done on a number of streets which are in much need of it, to be specified by the Board of Selectmen; sidewalks of permanent construction should be built on the principal streets, such as Lowell St., from the Square to Middlesex Ave., Middlesex Ave., Lowell St. to Bancroft Ave., Woburn St., from Lowell St. to B. & M. crossing, Prescott St., from Arlington St. to Summer Ave., Main St., from Haven St. to B. & M. crossing, Harnden St., from Pleasant to Salem Sts. Concrete in 1914 cost 55 cents per square yard. Granolithic would cost from \$1.25 to \$2.00 per square yard, according to conditions.

#### SCHEDULE OF PROPERTY OF HIGHWAY DEPARTMENT

Steam roller . . . . .	\$2,500 00
Thirteen snow plows . . . . .	400 00
Two road machines . . . . .	250 00
Street sweeper . . . . .	250 00
Two derricks . . . . .	25 00
Miscellaneous lot of tools . . . . .	200 00
Oiling machine . . . . .	600 00
Seventy tons crushed stone . . . . .	105 00
Sand . . . . .	20 00
	<hr/>
	\$4,350 00
Tool house . . . . .	500 00
	<hr/>
	\$4,850 00

#### GENERAL EXPENSES

Street cleaning . . . . .	\$1,235 27
Construction . . . . .	3,870 95
Maintenance . . . . .	6,350 25
Salary Superintendent . . . . .	1,004 00
Snow and Ice . . . . .	1,399 79

For itemized account I would refer you to the Town Accountant's report. In conclusion, I desire to thank the Board of Selectmen and the Town Accountant for their very kind and helpful advice and suggestions, and to thank the employes for their interest in the work.

Respectfully submitted,

E. H. CROWE, Supt. of Streets.

## REPORT OF CHIEF OF POLICE

---

TO THE HONORABLE BOARD OF SELECTMEN OF THE TOWN OF  
READING :

Gentlemen—I herewith submit the report of the Police  
Department for the year ended Dec. 31, 1914.

### ARRESTS FOR THE YEAR 1914

Total number of arrests . . . . .	114
Males . . . . .	106
Females . . . . .	8
Residents . . . . .	63
Non-residents . . . . .	51
American born . . . . .	88
Foreign born . . . . .	26
Adults . . . . .	75
Minors . . . . .	39

### CAUSES OF ARREST

Assault . . . . .	7
Assault and battery . . . . .	1
Attempt to break and enter . . . . .	2
Bastardy . . . . .	1
Being present at illegal game . . . . .	1
Breaking and entering . . . . .	5
Creating disturbance on R. R. train . . . . .	1
Concealing mortgaged property . . . . .	1
Delinquent summons . . . . .	3
Disturbing the peace . . . . .	2
Drunks . . . . .	47
Escaped from institutions . . . . .	6

Gaming . . . . .	6
Insane committed . . . . .	5
Keeping gaming resort . . . . .	1
Keeping liquor nuisance . . . . .	1
Larceny . . . . .	11
Loitering . . . . .	1
Non-support . . . . .	3
On capias . . . . .	1
Riding on sidewalk . . . . .	1
Ringing false alarm . . . . .	1
Stubborn child . . . . .	1
Tramps . . . . .	5
Total . . . . .	114

## DISPOSITION OF CASES

Committed to Danvers Insane Hospital . . . . .	5
Committed to Lyman School . . . . .	1
Committed to State Hospital, Tewksbury . . . . .	1
Committed to State School, Wrentham . . . . .	1
Continued . . . . .	10
Fines imposed . . . . .	20
Found not guilty and discharged . . . . .	6
Placed on file . . . . .	8
Placed on probation . . . . .	5
Released . . . . .	33
Sentenced to Concord Reformatory . . . . .	1
Sentenced to House of Correction . . . . .	10
Sentenced to House of Correction (suspended) . . . . .	2
Sentenced to House of Correction (appealed) . . . . .	1
Sentenced to State Farm . . . . .	1
Sentenced to State Farm (sentence suspended) . . . . .	1
Turned over to out of town officers . . . . .	8
Total . . . . .	114

## MISCELLANEOUS

Buildings found unsecured . . . . .	146
Cases investigated . . . . .	136



Defects in sidewalks . . . . .	4
Disturbances quelled . . . . .	2
Dogs found at large during quarantine and restrained	6
Dogs killed . . . . .	20
Lanterns placed in dangerous places . . . . .	3
Lights reported out . . . . .	7
Search warrants served . . . . .	2
Vacant houses given special protection . . . . .	47
Amount of property reported stolen . . . . .	\$629 00
Amount of property recovered . . . . .	620 00
Amount of property recovered for out of town officers	192 00
Fines imposed . . . . .	195 00
Fines collected . . . . .	108 00
Fines due from 1914 . . . . .	87 00

## LIST OF PROPERTY IN CUSTODY OF DEPARTMENT

Two roll top desks . . . . .	\$20 00
One table . . . . .	5 00
Five chairs . . . . .	6 00
Fourteen helmets . . . . .	35 00
Thirty badges . . . . .	30 00
Six pairs handcuffs . . . . .	20 00
Eight belts . . . . .	15 00
Three pairs twisters . . . . .	3 00
Twenty clubs . . . . .	17 00
Two stop watches . . . . .	14 00
One dark lantern . . . . .	1 50
One watchman's clock . . . . .	5 00
Six lockers . . . . .	30 00
One shot gun . . . . .	10 00
Four revolvers . . . . .	15 00
Four automatic pistols . . . . .	52 00
Four holsters . . . . .	6 00
One auto trap . . . . .	14 00
One telephone box . . . . .	12 00
One bulletin board . . . . .	6 00
One stretcher . . . . .	7 00

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 \$323 50



## ROSTER

## CHIEF

William E. Swain

## PATROLMEN

Jeremiah Cullinane

Oscar H. Low

George C. Stock

## SPECIALS

Ardine M. Allen

Samuel Brown

William C. Cram

Timothy J. Cullinane

Clement Gleason

Jesse N. Hutchinson

William Kidder

William H. Killam

William C. McKinley

William J. Murphy

Thomas M. Palmer

Joseph Shaw

John Stock

William F. Welch

David J. Whelton

## CONCLUSION

I at this time wish to thank the Honorable Board of Selectmen, the judges of our district court and all others who have in any way assisted in promoting the welfare of this department. It has been a great pleasure to have your honorable board keep in such close touch with this department and its work the past year.

Respectfully submitted,

WM. E. SWAIN, Chief of Police.

Reading, Jan. 1, 1915.

## REPORT OF BOARD OF HEALTH

---

### TO THE CITIZENS:

Number of contagious diseases reported			40
Diphtheria	9	No deaths	
Scarlet Fever	17	One death	
Tuberculosis	3	Three deaths	
Opthalmia Neonatorum	1	No deaths	
Measles	6	No deaths	
Infantile Paralysis	1	No deaths	
Typhoid Fever	3	No deaths	
Total number of deaths from all causes, exclusive of still births			96
Males			44
Females			52
Still birth			1
	Total	Male	Female
Deaths under 1 year of age	9	6	3
Deaths between 1 and 2 years of age	1	0	1
Deaths between 2 and 3 years of age	0	0	0
Deaths between 3 and 4 years of age	0	0	0
Deaths between 4 and 5 years of age	3	0	3
Deaths between 5 and 10 years of age	0	0	0
Deaths between 10 and 15 years of age	0	0	0
Deaths between 15 and 20 years of age	1	1	0
Deaths between 20 and 30 years of age	4	1	3
Deaths between 30 and 40 years of age	4	3	1
Deaths between 40 and 50 years of age	9	1	8
Deaths between 50 and 60 years of age	7	4	3
Deaths between 60 and 70 years of age	15	12	3
Deaths between 70 and 80 years of age	27	13	14
Deaths over 80 years of age	16	3	13
	96	44	52

## DEATHS BY MONTHS

January . . . . .	5
February . . . . .	7
March . . . . .	15
April . . . . .	11
May . . . . .	11
June . . . . .	7
July . . . . .	7
August . . . . .	6
September . . . . .	5
October . . . . .	8
November . . . . .	11
December . . . . .	4

E. M. HALLIGAN

GEO. L. FLINT

C. H. PLAYDON

Board of Health.

## REPORT OF INSPECTOR OF PLUMBING

---

TO THE BOARD OF HEALTH:

Gentlemen:—The work of the Plumbing Department for the year ended Dec. 31, 1914, was as follows:

Permits granted	.	.	.	.	.	.	.	.	114
New fixtures	.	.	.	.	.	.	.	.	459
Closets	.	.	.	.	.	.	.	.	106
Lavatories	.	.	.	.	.	.	.	.	75
Bath tubs	.	.	.	.	.	.	.	.	88
Sinks	.	.	.	.	.	.	.	.	96
Wash trays	.	.	.	.	.	.	.	.	94

Respectfully submitted,

DAVID TAGGART, Inspector of Plumbing.

## REPORT OF BOARD OF ENGINEERS

---

TO THE HONORABLE BOARD OF SELECTMEN:

Gentlemen—The annual report of the Board of Fire Engineers is herewith presented, giving the record of alarms that have been received during the year ending December 31, 1914, together with such information as we think may be of interest to the Town.

### MOTOR APPARATUS

Combination A, a model 12 Knox triple combination, has now been in commission nearly fourteen months. It has clearly demonstrated the value of motor equipment. There have been no failures to respond.

During the year 1914 it has traveled 260.5 miles, laid 13,600 feet of 2 1-2 inch hose, used 572 gallons of chemical, pumped 14 1-2 hours and raised 599 feet of ladders.

### FINANCES

Our financial transactions are all embodied in the report of the Town Accountant, to which we would respectfully refer you for any information you may desire in that line.

### FIRE ALARM

Our fire alarm system is not in the best condition and we feel we ought, in order to give the Town the service to which it is entitled, to spend about \$450 to put it in first class shape.

### RECOMMENDATION

We would respectfully recommend that the Town purchase a motor driven Hook and Ladder to replace the horse drawn truck we have at present.

## CONCLUSION

In conclusion, we wish to extend to your Honorable Board and to the Finance Committee our thanks for the courtesies and co-operation we have received during the year. We wish to compliment the officers and members of the department on the prompt and efficient manner in which they have performed their duties. We also wish to express our thanks to the Bay State Street Railway Company for the use of current, to the Chief of Police for services rendered by his department at fires and to the New England Telephone and Telegraph Company for the prompt service rendered in receiving alarms by telephone.

O. O. ORDWAY, Chief

LUKE MCKENNEY

W. R. ZWICKER, Sec'y

Board of Engineers.

## PERMITS

During the year I have granted twelve (12) permits for garages, transportation of explosives and blasting.

O. O. ORDWAY, Chief.

## RECORDS OF FIRES AND ALARMS FOR YEAR 1914

## ALARMS BY MONTHS

Month	Bell Alarms	Still Alarms	Tel. Alarms	Total
January . . . .	4	0	5	9
February . . . .	0	0	1	1
March . . . . .	2	1	0	3
April . . . . .	7	1	4	12
May . . . . .	4	0	5	9
June . . . . .	3	5	3	11
July . . . . .	16	7	3	26
August . . . . .	2	0	2	4
September . . . .	1	1	3	5
October . . . . .	2	4	4	10
November . . . . .	0	0	4	4
December . . . . .	2	2	4	8
	<hr/> 43	<hr/> 21	<hr/> 38	<hr/> 102

## DETAILED STATEMENT OF FIRES FOR THE YEAR 1914

[illegible]



## REPORT OF SUPERINTENDENT OF FIRE ALARM

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TO THE HONORABLE BOARD OF ENGINEERS:

I herewith submit the following report:

During the year the following changes have been made:

Box No. 61 has been moved from Washington St., corner of Main, to corner of Lowell and Sanborn Sts., and replaced by box No. 51.

Box No. 62 has been changed to box No. 121.

Box No. 68 has been changed to box No. 122.

There has been installed at Central Fire Station 1 transmitting box.

There has been one switch-board installed in apparatus room.

### NUMBER AND LOCATION OF BOXES

- 10--Brush fire signal.
- 121--Main and Haven.
- 122--Haven and Gould.
- 13--Ash and Avon.
- 14--Hill Crest Road and Oak.
- 15--Walnut and Summer Ave.
- 16--South Main and South.
- 17--Prescott, near Arlington.
- 18--Park Ave. and Minot.
- 19--Walnut and Curtis.
- 2--Recall.
- 21--Temple and Summer Ave.
- 212--West and Howard.
- 22--No session of school, 7.40 A. M. and 12.30 P. M.

- 23—Woburn and Temple.
- 231—West beyond Willow.
- 24—Mineral and Hancock.
- 25—Prospect, near King.
- 26—Hose 2 House, Woburn St.
- 27—Prescott and Summer Ave.
- 28—West beyond Oak.
- 29—West and King.
- 3—Followed by the box number, second alarm.
- 31—Lowell, beyond Grove.
- 32—Franklin, near Grove.
- 33—Lowell and Grand.
- 34—Forest and Grove.
- 35—North Main and Locust.
- 36—Locust and Bancroft Ave.
- 37—No. Main, near Hose 3 House.
- 38—No. Main and Forest.
- 39—No. Main and Franklin.
- 4—Police call.
- 41—Village and Green.
- 412—Car barns, Willow Road.
- 42—Haven and John.
- 43—Salem and John.
- 44—Salem and Pearl.
- 45—Salem and Belmont.
- 46—Charles and Pearl.
- 47—Charles and Haverhill.
- 48—Pine, near Salem.
- 5—Calls Ladder 1.
- 51—Main, Washington and Ash.
- 55—Reading Rubber Mills.
- 6—O. H. Bangs Co.
- 61—Lowell, Sanborn and Highland.
- 63—Woburn and Sanborn.
- 64—Central Fire Station.
- 65—Middlesex and Bancroft Aves.
- 67—Middlesex Ave. and High

69—Mt. Vernon, Chute and School.

8—Out of Town call.

Central Fire Station Telephone: Reading 430.

### INSTRUCTIONS

TO GIVE AN ALARM: Open door of box, pull down the hook once and LET GO. Remain at the box to direct firemen to fire.

TO GIVE AN ALARM BY TELEPHONE: Say to telephone operator "Fire Department Emergency." Give fireman exact location of fire, street and street number and name of person calling.

L. T. EAMES, Supt. of Fire Alarm.

## REPORT OF INSPECTOR OF WIRES

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TO THE HONORABLE BOARD OF SELECTMEN :

Gentlemen—I respectfully submit herewith the annual report of the Inspector of Wires for the year ended December 31, 1914.

### INTERIOR WIRING FOR LIGHT AND POWER

Number of buildings in process of construction which have been wired for light or power . . . .	58
Number of old buildings wired . . . . .	62
Number of buildings which have been re-wired, or in which additional wiring has been installed . .	48
Total number of inspection notices received from electrical contractors . . . . .	153
Total number of inspections made . . . . .	225

### POLES AND WIRES IN THE PUBLIC STREETS

During the past year defective poles and wires have been renewed by the Municipal Light Department, the New England Telephone and Telegraph Company and the Bay State Street Railway Company, and in many cases it has been possible to arrange for the use of one line of poles instead of renewing two or more poles in or near the same location.

I recommend for your consideration the removal of two sets of poles on Haven St., and also on Middlesex Avenue, where the Municipal Light Department and the Bay State Street Railway Company each have pole lines on one side of the street and the Railway Company and Telephone Com-

pany on the opposite side, in many instances the poles of both companies being set close to each other. Also on Washington St., where there are three sets of poles on one side of the street, between Main St. and John St., there is an opportunity to improve the pole and wire conditions and at the same time make considerable improvement in the appearance of the street.

The Street Railway Company and the Telephone Company have in the past shown a desire to co-operate with the Municipal Light Board in their efforts to reduce the number of poles in the streets and improve the wire conditions, and I have no doubt that they would assist in improving the conditions on the above-named streets.

Respectfully submitted,

ARTHUR G. SIAS, Inspector of Wires.

Reading, Mass., Jan. 4, 1915.

## REPORT OF SEALER OF WEIGHTS AND MEASURES

TO THE HONORABLE BOARD OF SELECTMEN:

Gentlemen—I submit the following report as Sealer of Weights and Measures for the year ended December 31, 1914.

	ADJUSTED AND SEALED		CS. NON-SEALED	
No. of scales over 5000 lbs.	3	3		
No. of scales under 5000 lbs.	19	24	1	
No. of scales, small	23	47		
No. of scales, beam	1	1		
No. of scales, computing	3	10		
No. of spring balances		10		
No. of weights	82	247		
No. of capacity measures	8	9		
No. of liquid measures	3	15		
No. of automatic pumps	2	10		
No. of milk jars		131		3
No. of glass graduates		14		
No. of cartons		4		
No. of yard sticks		13		
	144	538	1	3
	NO. TESTS	CORRECT	UNDER	OVER
Charcoal	7	6	1	
Coke	7	7		
Coal in bags	4	4		1
Coal in wagons	8			3
Grain and feed	23	23		
Flour in bags	16	16		
Gasoline	9	9		
Butter prints	28	28		

Berry baskets . . . . .	4	4		
Liquid groceries . . . . .	14	14		
Milk jars . . . . .	131	131		
Potatoes . . . . .	17	17	6	
Vinegar . . . . .	6	6		
Oil . . . . .	10	6	4	
Coal over weight [20 lbs. on two loads]	12	11		
	<hr/>	<hr/>	<hr/>	<hr/>
	296	276	11	4
No. of inspections in stores . . . . .				139
No. of hawkers and pedlars' wagons . . . . .				16
No. of milk wagons . . . . .				12
No. of ice wagons . . . . .				8
No. of coal certificates . . . . .				8
No. of junk collectors . . . . .				5
				<hr/>
				188

Money received sealing, \$25.52.

Respectfully submitted,

FRANK W. PARKER,  
Sealer Weights and Measures.



## REPORT OF FOREST WARDEN

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READING, MASS., Jan. 25, 1915.

TO THE HONORABLE BOARD OF SELECTMEN:

I submit the following report of the Forest Warden for the year ended Dec. 31, 1914:

Number of applications for permits to have a fire in the open, 241. Permits granted, 230. Number of calls from fire look-out station, 137, all of which were investigated. We answered 39 calls for grass and brush fires, an unusual large number compared to other years.

The expenses of this department were very heavy for the year, owing to the severe drouth during the summer and fall months. We now have a well equipped department, consisting of three hose wagons and two ordinary wagons equipped with all articles necessary for forest fire work.

I have investigated all fires and have sent reports of same to the State Forester.

H. E. McINTIRE, Forest Warden.

## REPORT OF CEMETERY TRUSTEES

TO THE HONORABLE BOARD OF SELECTMEN AND CITIZENS OF  
READING :

The Trustees submit the following report :

We have strived during the past year, as we have always done before, to do all in our power to add to the beauty of the place where we all expect to lie sometime in the future, and to make it a spot where we all are pleased to visit while yet allowed to remain here.

It has been our aim to make some needed improvement each year, and we take great pleasure in being able to call your attention to the improvements made in the removal of the ledge and in regrading the land in the rear of the Old South Church. It has been an eye-sore to us for several years and we have felt ashamed to think it was a part of the Cemetery, in a position so centrally located as to be noticed by everyone travelling up and down our main street, and pained to hear the comments that were made that the Town allowed it to remain unimproved. At a joint meeting of the Board of Selectmen and Cemetery Trustees it was unanimously voted that money should be transferred from the Cemetery Reserve Fund to make the needed improvement, and we submit it to the citizens if the appearance now has not paid for the expense. In connection with this we have been able to add several desirable lots, which will be placed on sale early in the coming season, the receipts from which will partially pay the expense.

The strong wire fence along the northern boundary has been finished and we point with pride at the improvement from the old tumble-down wooden affair.

We again appeal to all citizens who can possibly afford it to put their lots in perpetual care by depositing with the Town Treasurer money for that purpose.

Under the report of the Town Accountant you will find our financial report.

We recommend \$1200 for maintenance the coming year.

Very respectfully,

A. W. DANFORTH, Supt. and Sec'y.

For the Trustees.

## REPORT OF INSPECTOR OF ANIMALS

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READING, MASS., Jan. 1, 1915.

TO THE HONORABLE BOARD OF SELECTMEN:

I wish at this time to tender my report as Inspector of Animals for the year 1914.

Owing to the prevalence of glanders during the early part of the year it was deemed best to close the drinking fountains as a means of prevention to some extent. At the present time the trough at the Square has been taken away and no means provided whereby those wishing to give horses a drink can do so. I wish something could be brought about at this time whereby we could have faucets placed on the hydrants at different places throughout the town. This would necessitate the driver having his own pail. But he would notice the condition of the pail from time to time and see if any discharge was present. He could also see just how much water was taken by the horses, and not allow more than necessary. It is certainly an injustice to remove the fountain from the Square and not make some provision whereby those who wish to give their animals a drink can be accommodated.

The cattle of our Town appear to be in fine condition so far as is known. Word has just been received to commence the annual inspection of all premises where neat cattle, or other ruminants or swine are kept, for the purpose of ascertaining the existence of contagious diseases which under the provisions of Section 28, Chapter 90, include glanders, farscey, mange, contagious pleuro-pneumonia, tuberculosis,

Texas fever, foot and mouth disease, hinderpest, hog-cholera, rabies, anthrox, sheep-scab and actenomy cases. To one unfamiliar with the work this appears, no doubt, a trivial matter, but stop and consider what it means to visit every stable where one or more head of stock are kept, pass upon the physical condition, make out a report of conditions as found, answering some eighteen questions at each place, and giving the owner a duplicate. Then upon arrival home make another form filled out with State ink which is kept on file at State House and you will, perhaps, come to the same conclusion as your humble servant that the time is ripe for a revision in the salary of the office. The work has been growing more and more, still the salary has remained the same practically since 1897, and I feel justified at this time in calling the matter to your attention, for if one kept strict watch of the time used in looking up clues (which often amount to nothing) the amount received per hour would be very small.

Here is an officer which is at your call at any time to look after cases of contagion among the live stock interest which, to a considerable extent, is our food supply, and at the same time the most underpaid official on the Town's books, everything considered.

Early in November word was received that the foot and mouth disease had made its appearance among the cattle in different townships throughout the state and a general quarantine was issued forbidding the removal of any live stock whatever. Later this order was somewhat changed so that people wishing to dispose of animals for immediate slaughter could do so by obtaining a permit. This was finally changed so that at present only such places are quarantined as where the disease is known to have existed. No new outbreaks have been found for some time and it looks from all outward appearances as if the markets will be opened shortly and the state once more be free to ship cattle in from non-quarantine states at least for milch purposes.

During the short time the quarantine was in effect, or partially in effect, granting permits to remove for immediate slaughter of cattle, sheep, swine, etc., I received notice of upward of 400 permits for different ones to move for immediate slaughter live stock into this town. This fact alone will point out that the Inspector of Animals is likely to have something to do besides once a year look over the cows in the pasture.

Within the next few days, and in fact before this report is distributed, I hope to have once more finished my annual inspection and made returns to the State. I shall endeavor to act in an impartial and thorough manner and ask those who think my judgment a little harsh to remember I am simply doing what the law has laid down for me to do and only that which is right as I have always tried to do.

I wish at this time to thank all who have so courteously assisted me in the performance of this office and for the prompt manner with which they have complied with suggestions offered for betterment in sanitation of stables and stock.

It is not my intention to offer suggestions which will lead the owner into great expense, but small things such as whitewash, light and air, which can be obtained at very little outlay and bring back 100 per cent value in return.

Thanking you once more, I remain

Yours very truly,

C. H. PLAYDON, M. D.

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Twenty-fifth Annual Report

OF THE

WATER COMMISSIONERS

for the Year Ending December 31

1914

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## OFFICERS OF THE WATER DEPARTMENT

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### Commissioners

HENRY R. JOHNSON, Chairman	.	Term expires 1916
EDGAR N. HUNT	. . .	" " 1915
HARVEY A. BANCROFT	. . .	" " 1917

### Superintendent and Registrar

LEWIS M. BANCROFT

### Superintendent of Pumping Station

FRANK F. STROUT

### Fireman

GROVER EATON

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### OFFICE OF THE WATER BOARD

Room 2, Masonic Block

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### OFFICE HOURS

8.30 to 11 A. M., 2.30 to 4 P. M., except Saturday

Saturday, 8.30 A. M. to 12 M., 7.30 to 9 P. M.

## REPORT OF THE WATER COMMISSIONERS

TO THE CITIZENS OF READING :

The Board of Water Commissioners herewith submit their twenty-fifth annual report :

### MAINTENANCE

Received rent . . . . .	\$81 00
Fines and summons . . . . .	31 80
Paid pay roll . . . . .	\$260 00
Superintendent and Registrar . . . . .	1,399 98
Reading Municipal Light Board . . . . .	10 80
N. E. Tel. & Tel Co. . . . .	64 66
Reading Masonic Temple Corpora- ration, rent . . . . .	162 00
G. H. Atkinson Co. . . . .	10
Engineering Record . . . . .	3 00
Fredk. Shepperd . . . . .	3 00
Engineering News . . . . .	5 00
The Bristol Co., charts . . . . .	3 50
W. E. and J. F. Twombly . . . . .	35 25
Francis Bros. . . . .	30
Thorp & Martin Co. . . . .	1 80
Geo. T. Hoyt & Co. . . . .	7 50
A. C. Cutler . . . . .	7 56
Loose Leaf, Card & Manifold Co. . . . .	19 35
Union Safe Deposit Vaults . . . . .	10 00
Commissioners' salaries . . . . .	225 00
Stamped envelopes . . . . .	86 96
P. O. box rent . . . . .	2 40
S. M. Spencer Co. . . . .	2 60

Legislative Bulletin . . . .	\$2 00	
Weeks & Doten . . . .	2 50	
Car fares . . . .	67 25	
Burglary insurance . . . .	14 25	
F. W. Barry, Beale & Co. . . .	3 35	
Stephen Harrow . . . .	2 00	
Addressograph Co. . . .	1 33	
American Express . . . .	23	
M. F. Charles, repairing clock . .	50	
Floor oil . . . .	50	
Balance . . . .		2,291 87
		<hr/>
	\$2,404 67	\$2,404 67

#### MAINTENANCE OF PUMPING STATION

Received rent of house . . . .		\$180 00
Sundries . . . .		23 06
Paid pay roll . . . .	\$1,663 00	
Reading Municipal Light Board . .	14 11	
E. E. Nichols, teaming . . . .	130 63	
Maryland Coal & Coke Co. . . .	643 00	
N. E. Tel. & Tel. Co. . . .	44 12	
Cummings Express . . . .	12 95	
Wendell Bancroft & Co. . . .	33 11	
Francis Bros. . . .	26 00	
G. H. Atkinson Co. . . .	9 00	
Elliott Co. . . .	1 05	
A. W. Chesterton Co. . . .	7 35	
Eagle Oil & Supply Co. . . .	112 29	
G. F. McDonald . . . .	1 00	
The Fairbanks Co. . . .	8 80	
C. W. Hatch, pump repairs . . . .	52 70	
Boston & Maine R. R., freight . .	113 56	
Harold L. Bond Co. . . .	80	
The Lumsden & Vanstone Co. . . .	5 40	
H. W. Johns, Manville Co. . . .	15 63	

Percy N. Sweetser, coal and teaming . . . . .	\$444 54	
E. J. Roundy, house repairs . . . . .	215 12	
A. B. Day, painting . . . . .	28 25	
L. M. Bancroft, boiler insurance . . . . .	99 00	
Prentiss & Viall, workingman's compensation . . . . .	47 09	
Braman, Dow & Co. . . . .	50	
American Fire Cement Co. . . . .	12 95	
Somerville Foundry, castings . . . . .	30 53	
Eastern Clay Goods Co., fire brick . . . . .	16 00	
Town of North Reading, taxes . . . . .	2 10	
Henry J. Carroll, labor . . . . .	17 80	
Chas. M. Cullinane, teaming . . . . .	53 38	
N. E. Coal & Coke Co. . . . .	187 61	
Car fares . . . . .	40	
American Express . . . . .	35	
Balance . . . . .		3,847 06
	<hr/>	<hr/>
	\$4,050 12	\$4,050 12

## MAINTENANCE OF FILTERS

Paid pay roll . . . . .	\$1,124 88
Reading Municipal Light Board, power . . . . .	309 10
W. B. Fonda, lime . . . . .	270 00
Francis Bros. . . . .	1 50
Braman, Dow & Co. . . . .	79
Eagle Oil & Supply Co. . . . .	27 13
Water Works Equipment Co. . . . .	25 30
Economy Lubricating Co. . . . .	1 96
Boston & Maine R. R., freight . . . . .	99 11
Harrison Bros. & Co. . . . .	490 79
F. W. Hunt & Co. . . . .	2 75
Jos. Breck & Sons, Inc. . . . .	2 50
Cummings Express . . . . .	20 50
The J. M. Carpenter Tap & Die Co. . . . .	2 98

Percy N. Sweetser, teaming . . . . .	\$23 02	
Builders' Iron Foundry . . . . .	3 19	
L. M. Ham Co. . . . .	1 52	
Underwood Machine Co. . . . .	2 95	
Norwood Engineering Co. . . . .	56 27	
Patterns . . . . .	50	
American Express . . . . .	63	
	<hr/>	\$2,467 37

## MAINTENANCE OF METERS

Paid pay roll . . . . .	\$816 25	
Hersey Mfg. Co. . . . .	22 76	
Cummings Express . . . . .	1 55	
G. H. Atkinson Co. . . . .	40	
Union Water Meter Co. . . . .	2 81	
American Express . . . . .	2 45	
Thompson Meter Co. . . . .	12 50	
Boston & Maine R. R. . . . .	1 09	
National Meter Co. . . . .	126 51	
	<hr/>	\$986 32

## MAINTENANCE OF SERVICE PIPES

Paid pay roll . . . . .	\$95 25	
G. F. McDonald . . . . .	1 50	
H. Mueller Mfg. Co. . . . .	8 75	
Car fares . . . . .	2 25	
	<hr/>	\$107 75

## MAINTENANCE OF MAIN PIPE

Received labor and fittings . . . . .		\$14 95
Paid pay roll . . . . .	\$68 88	
Chapman Valve Mfg. Co. . . . .	14 37	
G. F. McDonald . . . . .	3 00	
Boston & Maine R. R. . . . .	1 18	
Balance . . . . .		72 48
	<hr/>	<hr/>
	\$87 43	\$87 43

## PAINTING STAND PIPE

Paid Municipal Light Board . . .	\$15 00	
M. A. Reissle . . . . .	109 50	
Eagle Oil & Supply Co. . . . .	2 09	
American Bitumastic Enamels Co. . . . .	1,215 50	
	<hr/>	\$1,342 09

## INTEREST

Received interest on deposits . . . . .		\$70 71
Hydrant rent . . . . .		5,730 00
Water for drinking fountains . . . . .		300 00
Water for street sprinkling . . . . .		300 00
From receipts for water . . . . .		359 29
Paid interest on bonds . . . . .	\$6,760 00	
	<hr/>	<hr/>
	\$6,760 00	\$6,760 00

## SERVICE PIPES

Received for pipes laid . . . . .		\$1,291 91
Paid pay roll . . . . .	\$1,988 50	
G. F. McDonald . . . . .	216 75	
E. M. Dart Mfg. Co. . . . .	41 40	
Tenney, Morse & Co. . . . .	74 58	
Geo. E. Gilchrist & Co. . . . .	68 13	
Builders Iron Foundry . . . . .	9 90	
T. C. Fife . . . . .	8 90	
Cummings Express . . . . .	8 80	
Francis Bros. . . . .	30 70	
Braman, Dow & Co., pipe . . . . .	607 75	
Lead Lined Iron Pipe Co., pipe . . . . .	445 16	
Harold L. Bond Co., tools . . . . .	7 57	
Walworth Mfg. Co. . . . .	88 64	
Chapman Valve Mfg. Co. . . . .	30 11	
Grip Coupling Co. . . . .	28 96	
Boston & Maine R. R. . . . .	17 28	
Sumner & Gerald . . . . .	15 27	
F. O. Dewey Co. . . . .	9 00	



Prentiss & Viall . . . . .	\$218 52	
American Powder Mills . . . . .	16 81	
H. Mueller Mfg. Co. . . . .	98 56	
Eagle Oil & Supply Co. . . . .	5 35	
O. O. Ordway . . . . .	44 35	
Wendell Bancroft & Co. . . . .	3 20	
Chadwick-Boston Lead Co. . . . .	5 67	
American Express . . . . .	1 58	
Car fares . . . . .	2 20	
Flags . . . . .	50	
Balance . . . . .		\$2,802 23
	<hr/>	<hr/>
	\$4,094 14	\$4,094 14

## MAIN PIPE

Received for pipe . . . . .		\$58 15
Paid pay roll . . . . .	\$733 01	
Chadwick-Boston Lead Co. . . . .	74 08	
Chapman Valve Mfg. Co. . . . .	82 58	
Cummings Express . . . . .	50	
Fred A. Houdlette & Son Co., pipe	420 83	
Boston & Maine R. R., freight . . . . .	5 13	
Prentiss & Viall . . . . .	15 00	
E. C. Hanscom, teaming . . . . .	17 14	
G. F. McDonald . . . . .	43 50	
Water Works Equipment Co. . . . .	25 30	
Walworth Mfg. Co. . . . .	10 51	
Builders Iron Foundry . . . . .	14 87	
Harold L. Bond Co. . . . .	10 88	
Priest, Page & Co. . . . .	4 27	
Norwood Engineering Co. . . . .	3 00	
O. O. Ordway . . . . .	16 65	
Car fares . . . . .	2 10	
Malden & Melrose Gas Light Co., ledge work . . . . .	250 00	
Balance . . . . .		\$1,671 20
	<hr/>	<hr/>
	\$1,729 35	\$1,729 35

## METERS

Paid Hersey Mfg. Co. . . . .	\$120 00	
National Meter Co. . . . .	313 60	
Neptune Meter Co. . . . .	202 00	
Pay roll . . . . .	5 50	
Cummings Express . . . . .	4 35	
Boston & Maine R. R. . . . .	40	
H. Mueller Mfg. Co. . . . .	18 23	
	<hr/>	\$664 08

## FILTERS

Paid E. C. Hanscom, teaming . . . . .	\$13 00	
Pay roll . . . . .	72 75	
Chapman Valve Mfg. Co. . . . .	6 33	
Norwood Engineering Co. . . . .	687 00	
Braman, Dow & Co. . . . .	14 60	
Boston & Maine R. R. . . . .	25	
	<hr/>	\$793 93

## SUMMARY OF RECEIPTS AND EXPENDITURES

Cash balance from 1913 . . . . .	\$1,375 23
Office rent and sundries . . . . .	112 80
House rent and sundries . . . . .	203 06
Interest on deposits . . . . .	70 71
Service pipes . . . . .	1,291 91
Meter rates . . . . .	19,042 75
Hydrant rent . . . . .	5,730 00
Water for drinking fountains . . . . .	300 00
Water for street sprinkling . . . . .	300 00
Main pipe maintenance . . . . .	14 95
Main pipe . . . . .	58 15
Paid Maintenance . . . . .	\$2,404 67
Pumping Station maintenance . . . . .	4,050 12
Filter maintenance . . . . .	2,467 37
Meter maintenance . . . . .	986 32
Service pipe maintenance . . . . .	107 75
Main pipe maintenance . . . . .	87 43

Main pipe . . . . .	\$1,729 35	
Service pipes . . . . .	4,094 14	
Meters . . . . .	664 08	
Interest . . . . .	6,760 00	
Bonds . . . . .	3,000 00	
Painting stand pipe . . . . .	1,342 09	
Filters . . . . .	793 93	
Cash on hand . . . . .	12 31	
		<hr/>
	\$28,499 56	\$28,499 56

## COST OF PLANT

Reported last year . . . . .	\$348,450 75	
Main pipe . . . . .	1,671 20	
Service pipe . . . . .	2,802 23	
Meters . . . . .	664 08	
Filters . . . . .	793 93	
		<hr/>
	\$354,382 19	

The Board recommends that \$5,790 be raised and appropriated for hydrant rental, that \$300 be raised and appropriated for water for drinking fountains, and that \$300 be raised and appropriated for water for street sprinkling.

The interest payable the current year amounts to \$6,440 as follows:

\$157,000 bonds for twelve months . . . . .	\$6,280 00
8,000 bonds for six months . . . . .	160 00
	<hr/>
	\$6,440 00

In accordance with our recommendations of last year, in regard to connecting water mains on South Main St. with the Stoneham water mains, we will say that the connection has been made so that in case of an emergency the water can be turned on at the Stoneham line.

The Board would recommend the employment of an engineer to advise with the Water Board in regard to a settling basin, and also the increasing of the water supply. The present settling tank is of wood and in the near future will have to be replaced. After experimenting for several years we are satisfied that to obtain the best results there should be a larger settling basin.

Since the installation of the water works system there has not been any increase in the supply of water, while the consumption of water has increased in the last fifteen years 100,000 gallons per day. Therefore it can be readily seen that we should increase our supply.

The Board has caused an article to be inserted in the warrant to this effect.

HENRY R. JOHNSON

EDGAR N. HUNT

HARVEY A. BANCROFT

Water Commissioners.

## REPORT OF WATER REGISTRAR

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Amount of bills rendered in 1914 . . . . .		\$19,213 01
Amount collected and paid Treasurer	\$18,443 64	
Amount uncollected . . . . .	757 20	
Amount abated . . . . .	12 17	
	<hr/>	<hr/>
	\$19,213 01	\$19,213 01
Amount of bills of previous years un- collected . . . . .		1,200 57
Amount of bills recharged . . . . .		12 44
Amount collected and paid Treasurer	599 11	
Amount uncollected . . . . .	524 69	
Amount abated . . . . .	89 21	
	<hr/>	<hr/>
	\$1,213 01	\$1,213 01
Amount of service pipe bills rendered in 1914 . . . . .		1,337 79
Amount of service pipe bills rendered in previous years . . . . .		514 12
Amount collected and paid Treasurer	1,291 91	
Amount uncollected . . . . .	536 00	
Amount charged off . . . . .	24 00	
	<hr/>	<hr/>
	\$1,851 91	\$1,851 91

LEWIS M. BANCROFT, Registrar.

## SUPERINTENDENT'S REPORT

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### READING WATER COMMISSIONERS :

Gentlemen—The twenty-fifth annual report of the Superintendent is submitted for the year ended Dec. 31, 1914.

The extension of mains has been 1341 feet of six inch pipe as follows: Dudley street 206 feet; Main street 700 feet; Prescott street 200 feet; Woodward avenue 235 feet. One hydrant set on Dudley street and one on Woodward avenue.

We have had but one leak in the main pipe during the year, a cracked pipe on South street.

All hydrants have been inspected and put in repair.

### SERVICE PIPES

Sixty services have been put in during the year and two discontinued, making 1623 in the system.

Two service leaks have been repaired, one on Ash street and one on Washington street, both being from cracked pipe.

### PUMPING STATION

The pumps and boilers will need some repairs. The house has been shingled, and now should be painted on the outside.

Some action should be taken at once to increase our supply of water.

## KINDS AND SIZES OF METERS IN USE

No.	NAME	SIZES					
		2 in.	1½ in.	1¼ in.	1 in.	¾ in.	½ in.
82	Crown .....	4	.....	.....	1	2	75
949	Nash .....	.....	5	.....	8	5	931
199	Empire .....	1	.....	.....	.....	1	197
1	Gem .....	1	.....	.....	.....	.....	.....
39	Lambert .....	.....	.....	.....	2	.....	37
12	Thompson .....	1	.....	.....	1	.....	10
6	Worthington .....	.....	.....	.....	.....	.....	6
155	Hersey .....	1	7	.....	8	.....	139
27	Neptune .....	.....	.....	.....	.....	.....	27
8	Union .....	3	1	.....	1	.....	3
5	King .....	.....	.....	.....	.....	.....	5
19	Columbia .....	.....	.....	.....	.....	.....	19
1	Niagara .....	.....	.....	.....	.....	.....	1
9	Keystone .....	.....	.....	8	.....	.....	1
1512		11	13	8	21	8	1451

## YEARLY RECORD OF PUMPING SERVICE

FROM JAN. 1, 1914, TO JAN. 1, 1915

MONTH	No. Days	Hrs.	Min.	Gallons Pumped	Total Head	Pounds Coal	Rain- fall
January .....	31	261	30	6,857,741	219	48,653	3.34
February .....	28	241	30	6,715,172	.....	47,401	3.65
March .....	31	228	..	6,855,933	.....	41,516	4.09
April .....	30	223	30	6,027,772	.....	37,127	6.32
May .....	31	271	45	7,145,499	.....	41,835	2.76
June .....	30	340	..	9,152,123	.....	47,455	1.44
July .....	31	266	..	6,926,143	.....	38,828	2.34
August .....	31	246	45	6,374,320	.....	36,074	2.78
September .....	30	294	45	8,446,928	.....	41,946	.23
October .....	31	271	45	7,931,925	.....	41,093	1.51
November .....	30	227	45	6,675,156	.....	38,975	2.92
December .....	31	223	45	6,797,719	.....	42,935	3.69
	365	3,097		85,906,431	219	503,338	35.07



TABLE SHOWING CONSUMPTION IN GALLONS FOR  
VARIOUS PURPOSES, 1914

Domestic use, manufacturing and trade pur- poses, metered . . . . .	52,191,000
Domestic use, unmetered (estimated) . . . . .	6,700,000
Drinking fountains (estimated) . . . . .	3,000,000
Street sprinkling (estimated) . . . . .	8,000,000
<hr/>	
Total accounted for . . . . .	69,891,000
Amount unaccounted for . . . . .	16,015,431
<hr/>	
Total pumped . . . . .	85,906,431
Percentage of water pumped accounted for . . . . .	.81
Percentage of water pumped unaccounted for . . . . .	.19
Percentage of water pumped metered . . . . .	.60

COST OF MAINTENANCE AND REVENUE

	Amount	Cost per 1000 gallons pumped
Interest on bonds . . . . .	\$6,760 00	.079
Management and repairs . . . . .	4,928 26	.057
Pumping Station maintenance . . . . .	4,050 12	.047
Filter maintenance . . . . .	2,467 37	.029
<hr/>		
		Received per 1000 gallons pumped
Receipts from water takers . . . . .	\$19,042 75	.21
Total receipts . . . . .	27,124 33	.46

TABLE SHOWING AMOUNT OF RAIN AND MELTED SNOW FOR YEAR ENDING DEC. 31, 1914

Day of Month	January	February	March	April	May	June	July	August	September	October	November	December	Day of Month
1 ...			1.36	.42			.74				.03	.02	1
2 ...			.25	.30		.01	.27	.04				.08	2
3 ...	.02	.23				.16		.17					3
4 ...	.06		.01		.13	.05		.02					4
5 ...					.96								5
6 ...	.05	.64	.43	.02			.67		.01				6
7 ...		.16	.01	.41								.51	7
8 ...	.01			.65	.45						.20		8
9 ...	.01								.01				9
10 ...													10
11 ...				.05	.05		.03	.60					11
12 ...					1.13	.04		.15					12
13 ...		.46			.02						.04	.90	13
14 ...	.12	1.05				.05							14
15 ...				1.25		.03					.51		15
16 ...		.20		.30				.04		.68	.21		16
17 ...			.03				.11	.18		.36			17
18 ...		.09	.45			.45		.02					18
19 ...	.01	.42						.27		.28	1.93	.93	19
20 ...	.96			.14				.40				.20	20
21 ...	.08						.25	.52				.64	21
22 ...			.04										22
23 ...			.01										23
24 ...	.82						.23					.03	24
25 ...			.03	.14	.02					.14			25
26 ...	.04			1.96		.45							26
27 ...			.66	.57		.12		.08	.03				27
28 ...		.40	.40	.02		.07		.12					28
29 ...		.23	.07			.01		.17	.12	.04		.38	29
30 ...	.02		.18	.02					.06	.01			30
31 ...	1.14						.04						31
	3.34	3.65	4.09	6.32	2.76	1.44	2.34	2.78	.23	1.51	2.92	3.69	

The average rainfall for Massachusetts, as deduced by the State Board of Health from long continued observations in various parts of the State, is 44.78 inches. The rainfall at Reading Pumping Station in 1914 was 35.07 inches, making a deficiency of 9.71 inches. There was an excess of rainfall in the months of February, March, April and December of 2.96 inches, and a deficiency in the other eight months of 12.67 inches. The most of the excess occurred in April, 2.74 inches; the greatest deficiency occurred in September and October, amounting to 5.58 inches.

COMMONWEALTH OF MASSACHUSETTS — STATE DEPT. OF HEALTH  
WATER ANALYSIS — (PARTS IN 100,000)

No.	APPEARANCE				Residue on Evaporation	AMMONIA		Chlorine	NITROGEN AS		Oxygen Consumed	Hardness	Iron	
	Date of Collection	Turbidity	Sediment	Color		Free	Albu- mi- noid		Ni- trates	Ni- trites				
1914														
114548	Feb. 17	None	None	Fil.	.16	.2100	.0014	.0096	2.60	.0160	.0012	.28	9.5	Filter Weir
114549	Feb. 17	Slight iron	Cons. iron		.50	14.20	.0200	.0132	2.50	.0160	.0001	.52	2.3	Filter Gallery
115680	Apr. 22	Decided iron	Cons. iron		.70	9.30	.0144	.0152	1.70	.0020	.0002	.66	2.5	Filter Gallery
115681	Apr. 22	None	None		.36	17.30	.0014	.0094	1.75	.0060	.0013	.42	11.0	Filter Weir
116836	June 15	Decided iron	Cons. iron	F. Tib.	.90	11.70	.0184	.0176	2.30	.0040	.0000	.72	2.9	Filter Weir
116837	June 15	None	None		.46	21.00	.0006	.0112	2.30	.0080	.0024	.45	13.5	Filter Weir
118372	Aug. 18	Decided iron	Heavy iron	Fil.	.38	18.80	.0480	.0180	5.40	.0020	.0000	.45	3.5	Filter Gallery
118373	Aug. 18	None	None		.12	27.50	.0004	.0094	6.20	.0140	.0050	.25	13.5	Filter Weir
119810	Oct. 20	Slight	Cons. iron	Fil.	.02	37.70	.0384	.0050	14.20	.0000	.0050	.37	7.6	Filter Gallery
119811	Oct. 20	None	None		.06	45.20	.0012	.0080	13.40	.0280	.0000	.22	14.5	Filter Weir
121261	Dec. 22	Decided iron	Heavy iron	Fil.	.02	34.90	.0700	.0080	11.00	.0180	.0000	.22	7.8	Filter Gallery
121262	Dec. 22	Very slight	None		.12	32.40	.0058	.0106	8.20	.0040	.0015	.18	11.4	Filter Weir

## SUMMARY OF STATISTICS

FOR THE YEAR ENDING DECEMBER 31, 1914

In form recommended by the New England Water Works  
Association

## READING WATER WORKS

READING, MIDDLESEX COUNTY, MASSACHUSETTS

## GENERAL STATISTICS

Population by Census of 1910, 5,818.

Date of construction, 1890 and 1891.

By whom owned, Town of Reading.

Source of supply, filter gallery.

Mode of supply (whether gravity or pumping), pumping.

## PUMPING STATISTICS

1. Builders of pumping machinery, George F. Blake Manu-  
facturing Co. and Platt Iron Works.

2. Description of fuel used	{	<i>a</i> Kind, coal <i>b</i> Brand of coal, New River <i>c</i> Average price of coal per gross ton, delivered, \$5.30 <i>d</i> Percentage of ash, <i>e</i> Wood, price per cord, \$
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3. Coal consumed for the year, 503,338 lbs.

4. [Pounds of wood consumed] divided by three equals  
equivalent amount of coal                      lbs.4*a*. Amount of other fuel used5. Total equivalent coal consumed for the year equals (3)  
plus (4)                      lbs.6. Total pumpage for the year, 85,906,431 gallons, with  
allowance for slip.

7. Average static head against which pumps work, 219.
8. Average dynamic head against which pumps work, 240.
9. Number of gallons pumped per pound of equivalent coal (5), 170.6
10. Duty equals  $\frac{\text{gallons pumped (6)} \times 8.34 \text{ (lbs.)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5)}}$   
 equals 34,161,997  
*Cost of pumping, figured on pumping station expenses, viz.,*  
 3847.06
11. Per million gallons pumped, 44.67.
12. Per million gallons raised one foot (dynamic), \$0.18.

# FINANCIAL STATISTICS

RECEIPTS		EXPENDITURES	
<i>Balance brought forward:</i>		<i>Water Works Maintenance:</i>	
(a) From ordinary (main-tenance) receipts .	\$1,375 23	AA. Operation (manage-ment and repairs) \$11,445 75	\$11,445 75
(b) From extraordinary receipts(bonds, etc.)		OC. Total maintenance	6,760 00
Total . . .	\$1,375 23	DD. Interest on bonds . (OC plus DD) .	18,205 75
<i>From Water Rates:</i>		EE. Payment of bonds .	3,000 00
A. Fixture rates		<i>Water Works Construction:</i>	
B. Meter rates . . \$19,042 75		GG. Extension of mains .	1,729 35
C. Total from consumers .	19,042 75	HH. Extension of services	4,094 14
D. For hydrants . . 5,730 00		II. Extension of meters	664 08
E. For fountains . . 300 00		JJ. Extension of filters	793 93
F. For street watering . . 300 00		KK. Total construction .	7,281 50
J. Total from municipal departments . .	6,330 00	MM. Balance . . .	12 31
L. From bond issue		(aa) Ordinary	
M. From other sources:		Total balance	
Rent, interest, etc. .	459 67		
Service pipes . .	1,291 91		
Appropriation			
N. Total . . .	\$28,499 56	N. Total . . .	\$28,499 56

# DISPOSITION OF BALANCE—CARRIED TO NEW ACCOUNT

O. Net cost of works to date . . . . .	\$354,382 19
P. Bonded debt at date . . . . .	165,000 00
Q. Value of Sinking Fund to date.	
Q. Average rate of interest, 4 per cent.	



## STATISTICS OF CONSUMPTION OF WATER

1. Estimated total population at date, 6,200.
2. Estimated population on lines of pipe, 6,100.
3. Estimated population supplied, 6,000.
4. Total consumption for the year, 85,906,431.
5. Passed through meters, 52,191,000 gallons.
6. Percentage of consumption metered, .608.
7. Average daily consumption, 235,332.
8. Gallons per day to each inhabitant, 38.
9. Gallons per day to each consumer, 39.2.
10. Gallons per day to each tap, 145.
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC), \$133.22.
12. Total cost of supplying water, per million gallons, figured on total maintenance, plus interest on bonds, \$211.92.

## STATISTICS RELATING TO DISTRIBUTION SYSTEM

## MAINS

1. Kind of pipe, cast iron.
2. Sizes, from 6 inch to 12 inch.
3. Extended, 1341 feet during year.
4. Discontinued, 0 feet during year.
5. Total now in use, 32.5731 miles.
6. Cost of repairs per mile, \$2.68.
7. Number of leaks per mile, 0.
8. Length of pipes less than 4 inches in diameter, 0 miles.
9. Number of hydrants added during year (public and private), 2.
10. Number of hydrants (public and private) now in use, 193.
11. Number of stop gates added during year, 2.
12. Number of stop gates now in use, 294.
13. Number of stop gates smaller than 4 inch, 0.
14. Number of blow-offs, 14.
15. Range of pressure on mains, 45 lbs. to 90 lbs.

## SERVICES

16. Kind of pipe, cast iron, lead and cement lined.
17. Sizes, 3-4 to 6 inches.
18. Extended, 5721.9 feet.
19. Discontinued, 303.4 feet.
20. Total now in use, 24.4854 miles.
21. Number of service taps added during year, 60.
22. Number now in use, 1623.
23. Average length of service, 1914, 95.3 feet.
24. Average cost of service for the year, \$68.23.
25. Number of meters added, 55.
26. Number now in use, 1512.
27. Percentage of services metered, 93.7.
28. Percentage of receipts from metered water (B) divided  
by (C)
29. Number of motors and elevators added, 0.
30. Number now in use, 0.

LEWIS M. BANCROFT, Superintendent.

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Twentieth Annual Report

OF THE

Electric Light Commissioners

For the Year Ending December 31

1914

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OFFICERS OF THE ELECTRIC LIGHT AND POWER  
DEPARTMENT

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Commissioners

CARL M. SPENCER, Chairman	.	Term expires 1917
GEORGE L. FLINT, Secretary	.	Term expires 1915
FRANK E. CRAFTS	. . .	Term expires 1916

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Manager

ARTHUR G. SIAS

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Office

179 Main Street, Y. M. C. A. Building



## REPORT OF THE ELECTRIC LIGHT AND POWER DEPARTMENT

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The Municipal Light Board of the Town of Reading herewith submit their annual report, together with the report of the Manager with summaries of accounts and statistics. There is also appended the decision of the State Board of Gas and Electric Light Commissioners rendered in answer to an application of this Department for their consent to the rates for power, and for heating and cooking, in force in Reading.

A comparison of this report with that of the previous year will show a marked improvement in the operating results. The Manager's report explains in detail the operations of the Plant and the various factors affecting the fluctuations of income and expense. We believe the accounts and statistics will reveal a condition in the affairs of this Department which will be satisfactory to our citizens.

### STREET LIGHTING

In the street lighting service all arc lights were removed early in the year and incandescent lamps substituted in their places. A saving in current required and in cost of maintenance has thus been effected, without any noticeable loss in the volume of light.

New street lights have been installed as provided for at the annual town meeting, and improvements have been made in the lighting of many streets. The Board has planned a rearrangement of the lights on Summer avenue, and on West street from Woburn street to the Woburn line. We would



also recommend that street lights be installed on the "Willow Road"—John St.—from the car barns to the Wakefield line, this being the only portion of the main thoroughfares now unlighted. Residential streets, so far as they are public streets, are nearly all lighted, and further additions to the street lighting service will be mainly for improvement in the distribution of the lighting, except as new streets are added.

We take this opportunity to explain the position of the Board in relation to the frequent requests which are made for lights to be installed on private ways and unaccepted streets. We have consistently refused such requests without reference to their merits, and have advised all petitioners for such lights to ask the Town for them in town meeting.

#### DECISION OF STATE BOARD—POWER RATES— APPROPRIATIONS

The decision of the State Board of Gas and Electric Light Commissioners, which appears in the following pages, explains quite fully the situation in this plant with reference to power rates, and the general principles upon which such rates are based. The rates as approved by them are now in force. The further comments in the decision relative to lighting rates and costs should be read by all citizens, as it bears upon the amount which the Town should appropriate annually for maintenance of the Plant. A table appearing in this report shows the amounts which have been appropriated by the Town for various purposes for each of the last fifteen years. The annual appropriations for all purposes, comprising maintenance, interest, depreciation, payment of bonds and notes, construction and additional street lights, averages over \$10,000 for each year during that period.

#### REDUCTION IN LIGHTING RATES

Lighting rates were reduced by the Board on January 1st, 1915, and are now as follows:

## LIGHTING RATE

To consumers in the Town of Reading—eleven cents per kilowatt hour. To consumers in the towns of North Reading, Wilmington and Lynnfield Centre—fourteen cents per kilowatt hour.

## MINIMUM CHARGE

The minimum charge for lighting service will be \$9.00 per year, payable 75 cents per month. The account will be reviewed annually and any charge in excess of electricity actually used will be credited, provided \$9.00 worth of electricity has been consumed during the year.

## DISCOUNT

A discount of ten per cent. will be allowed on all lighting bills, except MINIMUM BILLS, if payment is received at the office of the Municipal Light Department on or before the fifteenth of the month following date of bill. If the fifteenth falls on Sunday or a legal holiday, one more day will be allowed.

No discount will be allowed when arrears are due.

In our opinion this reduction was amply justified by the showing of the Plant during 1914. A further reduction, if made at this time, must be balanced by an increase in the amount appropriated by the Town for maintenance. In this connection attention is called to the Manager's estimate of the appropriation required of the Town under present conditions.

The rate for lighting to Town departments has been fixed at 7 1-2 cents per kilowatt hour for the ensuing year, which rate approximates as closely as possible the cost of this service as defined by the statute.

The growing use of the tungsten lamps has reduced lighting bills, and to an important extent has checked the growth of earnings. A nitrogen lamp for street lighting has now been perfected which still further reduces the current

required for a given quantity of light; in a short time it will undoubtedly be available for the larger sizes of lights used in stores, halls and factories. Following the example of many lighting plants the Department now offers free renewals of the following tungsten or Mazda lamps:

Watts	Candle Power			
60	56	.	.	Plain or bowl frosted
100	98	.	.	Plain or bowl frosted
150	150	.	.	Plain or bowl frosted
250	250	.	.	Plain or bowl frosted

#### NORTH READING CONTRACT

We would recommend that the Municipal Light Board be given authority to renew the street lighting contract with the Town of North Reading, which expires on December 1, 1915, for a term not exceeding five years.

CARL M. SPENCER

GEORGE L. FLINT

FRANK E. CRAFTS

Municipal Light Board.

## MANAGER'S REPORT

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TO THE MUNICIPAL LIGHT BOARD, READING, MASS.:

Gentlemen—I respectfully submit herewith my report showing the results of the operation of the Electric Light and Power Department for the year ending Dec. 31, 1914.

In comparison with the report for the previous year, it is much more satisfactory to me and I believe will be to all. While the kilowatt hours generated have decreased 5.6 per cent. over last year, and kilowatt hours sold to customers have decreased 3.5 per cent. our gross earnings have increased 10.5 per cent. and operating expenses have been less by 13 per cent. than in 1913.

The increase in earnings was not quite as large as I anticipated, and the operating expenses were slightly more than the estimate at the beginning of the year, and while the gain in operating was the largest in the history of the plant, it was not sufficient, with the amount appropriated from the tax levy, to make up the apparent loss for the previous year as defined by the statute.

The principal reason for the decreased output is on account of the substitution of the new type Mazda incandescent lamps for the arc lamps on the street lighting circuits, the saving in current on these circuits being 68,153 kilowatt hours for the year, which represents a considerable saving in money without materially decreasing the volume of light.

We have now installed on the streets of Reading 7—32 c. p., 369—60 c. p., 8—100c. p., 78—250 c. p., and 1—350 c. p. Mazda incandescent lamps. The center circuit, which burns all night and every night, has 74—60 c. p., 8—100 c. p., 27—

250 c. p., and 1—350 c. p. lamps and has burned a total of 3,751 hours during the year; the remaining three circuits have 295—60 c. p., and 51—250 c. p. lamps and have burned a total of 3,146 hours.

The 7—32 c. p. lamps are connected to the Wilmington and North Reading circuits between the end of the local circuits and the Town line on Lowell and Haverhill Sts.

The above street lighting service if purchased from a private company would cost the Town approximately \$12,000 per year.

The amount of current sold for power is also less than a year ago, although the receipts from this source were more, due principally to the fact that a higher average rate was received for the current sold to the Wakefield Plant.

We were unable to make a satisfactory contract to supply the Wakefield Plant with all their requirements for current and on October 19th they commenced to purchase current from another source.

The town of Wilmington voted to burn their street lights until one o'clock A. M., instead of until midnight as originally voted, and this has added slightly to our revenue. They also voted to install 86 new street lamps but we were not able to install them this year owing to lack of funds.

The additions and improvements at the power station have already demonstrated that we can generate more economically and the saving will be even more marked as the load increases. The two old boilers are still in use and the Insurance Company allows us the same pressure as on the newer one. They have been in use since the plant started and I expect that we may soon be required to reduce the pressure, which will mean that they will have to be replaced with new ones. I anticipate, however, that the Insurance Company will give us ample time to make the change when it becomes necessary.



In last year's report I recommended the erection of a building on the recently acquired property near the power station to be used as a stock room and a shelter for the horses and wagons, but as it was not thought best to do anything about it this year, we made arrangements for additional room in the basement of the Y. M. C. A. building for storage purposes until such time as we can have a suitable building at the plant.

It is probable that in the near future we can advantageously make use of an electric truck for our line work in place of the horses. This has recently been done by at least three of the municipal plants with apparent success, and I recommend same for your consideration. The probable cost of a suitable truck would be about \$2,000.

The work of renewing defective poles and wires has been continued during the year, and I believe that during the coming year it will be wise to expend fully as much money in this part of the plant as has been expended during 1913.

The records at the office show that the following household appliances have been connected during the past year: 109 flat irons, 4 ranges, 11 heating pads, 61 toasters and small stoves, 3 hair dryers, 4 vibrators, 2 curling irons, 10 fans, 2 radiators, 4 vacuum cleaners and 7 washing machines. We have also connected 29 motors for various purposes, totalling 41.7 H. P., and 2 electric drills.

The following tables show data from the records at the office, and are followed by the financial report and estimate for 1915:

#### LYNNFIELD EXTENSION

Total number of customers Dec. 31, 1914 . . .	70
Total number of commercial lamps connected . . .	1,547
Total number of 32 candle street lamps connected . . .	64
Total horse power in motors . . . . .	12 1-2
Total investment to Dec. 31, 1914 . . . . .	\$9,257 79
Total earnings for the year . . . . .	\$2,255 29

## NORTH READING EXTENSION

Total number of customers Dec. 31, 1914 . . .	90
Total number of commercial lamps connected . . .	1,829
Total number of 32 candle street lamps connected . . .	211
Total horse power in motors . . . . .	14
Total investment to Dec 31, 1914 . . . . .	\$24,457 46
Total earnings for the year . . . . .	\$5,480 06

## WILMINGTON EXTENSION

Total number of customers Dec. 31, 1914 . . .	124
Total number of commercial lamps connected . . .	1,933
Total number of 32 candle street lamps connected . . .	255
Total horse power in motors . . . . .	29 1-6
Total investment to Dec. 31, 1914 . . . . .	\$29,386 73
Total earnings for the year . . . . .	\$6,549 13

TABLE SHOWING DATA FROM THE RECORDS OF  
THE PLANT

Kilowatt hours manufactured . . . . .	986,476
Kilowatt hours used on street lights . . . . .	187,590
Kilowatt hours sold to Wakefield plant . . . . .	105,758
Kilowatt hours sold to Reading consumers . . . . .	372,698
Kilowatt hours sold to No. Reading consumers . . . . .	40,169
Kilowatt hours sold to Lynnfield consumers . . . . .	14,718
Kilowatt hours sold to Wilmington consumers . . . . .	45,366
Kilowatt hours used at station and office . . . . .	15,283
Kilowatt hours unaccounted for . . . . .	204,894
Coal used, tons . . . . .	2,229
Average cost of coal per ton . . . . .	\$4.107
Carbons used . . . . .	677
Globes used . . . . .	72
Incandescent lamps renewed free . . . . .	2,699
60-candle power Tungsten street lamps installed . . . . .	91
32-candle power Tungsten street lamps installed . . . . .	17
250-candle power Tungsten street lamps installed . . . . .	78
Are lamps removed . . . . .	89



New poles added . . . . .	335
Old poles renewed . . . . .	89
Feet of wire added . . . . .	87,146
Feet of wire renewed . . . . .	13,228
Incandescent lamps connected . . . . .	2,746
Motors connected . . . . .	29
New services installed . . . . .	190

## CONNECTED LOAD DECEMBER 31, 1914

Total number of customers . . . . .	1,390
Total number of incandescent lamps (approx.) . . . . .	29,937
Total horse power in motors . . . . .	313.7
Total number of Tungsten street lamps . . . . .	993

TABLE SHOWING EARNINGS OF LIGHT AND POWER  
FOR FIVE YEARS

	LIGHTS				
	1910	1911	1912	1913	1914
Total	\$23,876.50	\$30,217.13	\$31,772.66	\$39,472.00	\$44,496.50
Discount	3,174.25	4,190.06	2,861.18	3,365.99	3,404.39
Net	\$20,702.25	\$26,027.07	\$28,911.48	\$36,106.01	\$41,092.11

	POWER				
	1910	1911	1912	1913	1914
Total	\$4,984.78	\$5,312.91	\$8,321.36	\$8,639.16	\$8,783.49
Discount	18.16	22.58	60.91	80.47	75.85
Net	\$4,966.62	\$5,290.33	\$8,260.45	\$8,558.69	\$8,707.64

## NET TOTAL LIGHT AND POWER

\$25,668.87	\$31,317.40	\$37,171.93	\$44,664.70	\$49,799.75
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## CASH ACCOUNT

## DR.

Jan. 1, 1914, to balance . . . .	\$19,272 33	
To appropriation for bond payments .	4,500 00	
To appropriation for construction .	2,932 07	
To appropriation for new street lights	1,200 00	
To proceeds of Wilmington construction bonds . . . . .	1,000 00	
To proceeds of new construction bonds	8,000 00	
Receipts from customers . . . .	53,248 04	
Receipts from N. E. T. & T. Co., poles and labor . . . . .	472 64	
Receipts from sale of poles . . .	3 50	
Receipts from reels returned . . .	20 00	
Receipts from sale of scrap . . .	274 91	
Sundry receipts . . . . .	97 24	
Interest received on bank balance .	138 70	
Accrued interest on bonds . . .	13 00	
Petty cash . . . . .	100 00	
		<hr/>
		\$91,272 43

## CR.

By cash paid for the following accounts:

Electric plant . . . . .	\$1,524 79
Real estate . . . . .	71 27
Steam plant . . . . .	20,682 89
Lines . . . . .	698 71
Incandescent street light fixtures	328 89
Meters . . . . .	2,259 30
Transformers . . . . .	1,011 07
Lynnfield Extension . . . .	459 88
North Reading Extension . .	775 15
Wilmington Extension . . .	1,511 70
Fuel . . . . .	10,669 20
Oil and waste . . . . .	437 06
Water . . . . .	118 60

Station wages . . . . .	\$8,140 67
Repair of real estate . . . . .	300 96
Repair of steam plant . . . . .	1,083 93
Repair of electric plant . . . . .	117 01
Station tools and appliances . . . . .	426 46
Repair of transformers . . . . .	195 65
Repair of lines and lamps . . . . .	3,163 79
Carbons . . . . .	66 06
Incandescent lamps . . . . .	3,773 96
Globes . . . . .	66 16
Distribution tools and appliances . . . . .	95 88
Distribution wages . . . . .	1,421 66
Repair of meters . . . . .	119 35
Pole line rental . . . . .	98 67
General salaries . . . . .	3,312 08
Board expenses . . . . .	87 38
General office expenses . . . . .	1,260 26
Advertising and printing . . . . .	135 85
Rent of office . . . . .	391 25
Taxes . . . . .	204 00
Insurance . . . . .	2,147 19
Interest . . . . .	4,400 64
Bonds . . . . .	6,500 00
Notes . . . . .	2,500 00
Stable expenses . . . . .	895 13
Stable fixtures . . . . .	14 00
Jobbing material . . . . .	3,130 15
Stock . . . . .	4,251 07
Commissioners' salaries . . . . .	225 00
Petty cash . . . . .	100 00
Legal expenses . . . . .	50 00
Office furniture . . . . .	36 36
Automobile expenses . . . . .	480 50

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\$89,739 58

Balance Dec. 31, 1914 . . . . . 1,532 85

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\$91,272 43

# SUMMARY OF CASH RECEIPTS AND EXPENDITURES FOR THE YEAR

## DR.

Balance Dec. 31, 1913 . . .	\$19,272 33	
Appropriation for bond payments . . .	4,500 00	
Appropriation for new street lights . . .	1,200 00	
Appropriation for construction . . .	2,932 07	
Receipts from customers . . .	53,248 04	
Interest received . . .	151 70	
Sundry receipts . . .	968 29	
Proceeds Wilmington construction bonds . . .	1,000 00	
Proceeds bonds for construction . . .	8,000 00	
	<hr/>	\$91,272 43

## CR.

Cash paid for construction . . .	\$29,323 65	
Cash paid for bonds . . .	6,500 00	
Cash paid for notes . . .	2,500 00	
Cash paid for interest . . .	4,400 64	
Cash paid for Commissioners' salaries . . .	225 00	
Cash paid for maintenance accounts . . .	44,439 10	
Cash paid for insurance . . .	2,147 19	
Cash paid for taxes . . .	204 00	
	<hr/>	
	\$89,739 58	
Balance Dec. 31, 1914 . . .	1,532 85	
	<hr/>	\$91,272 43

## SPECIAL CONSTRUCTION CASH ACCOUNT

Balance Dec. 31, 1913	.	.	.	\$18,467	50	
Construction cash used	.	.	.	4,115	16	
						\$22,582 66
Expended for steam plant	.			\$17,233	45	
Expended for electric plant	.	.		5,221	38	
Expended for real estate	.	.	.	127	83	
						\$22,582 66

OPERATIONS FOR TWELVE MONTHS ENDING  
DECEMBER 31, 1914

## EXPENSE

## MANUFACTURE :

Fuel	.	.	.	.	.	\$9,154	92
Oil and waste	.	.	.	.	.	323	43
Water	.	.	.	.	.	59	90
Station wages	.	.	.	.	.	8,140	67
Repair of real estate	.	.	.	.	.	244	53
Repair of steam plant	.	.	.	.	.	723	28
Repair of electric plant	.	.	.	.	.	142	01
Station tools and appliances	.	.	.	.	.	225	29
							\$19,014 03

## DISTRIBUTION :

Distribution wages	.	.	.	.	.	\$1,437	38
Repair of lines and lamps	.	.	.	.	.	3,461	34
Carbons	.	.	.	.	.	22	75
Incandescent lamps	.	.	.	.	.	2,433	74
Globes	.	.	.	.	.	28	25
Distribution tools and appliances	.	.	.	.	.	105	21
Repair of meters	.	.	.	.	.	99	75
Repair of transformers	.	.	.	.	.	196	40
							\$7,784 82

## MISCELLANEOUS EXPENSES:

General salaries . . . .	\$3,312 06	
Board expenses . . . .	138 38	
Commissioners' salaries . .	225 00	
General office expenses . .	1,150 85	
Rent of office . . . .	397 50	
Advertising and printing . .	89 00	
Stable and automobile expenses	1,271 31	
Insurance . . . .	1,810 28	
Taxes . . . .	204 00	
Pole line rental . . . .	98 67	
	<hr/>	\$8,697 05
		<hr/>
		\$35,495 90
Gain in operating . . .		14,303 85
		<hr/>
		\$49,799 75

## INCOME

Commercial light, less discounts .	\$9,719 96	
Domestic light, less discounts . .	23,802 28	
Commercial power, less discounts .	5,358 54	
Power sold to Water Works . . .	308 10	
Power sold to Wakefield . . . .	3,041 00	
Lighting Municipal buildings . .	402 86	
Street lighting, No. Reading . . .	2,831 66	
Street lighting, Wilmington . . .	3,626 96	
Street lighting, Lynnfield . . . .	708 39	
	<hr/>	\$49,799 75

## PROFIT AND LOSS ACCOUNT DECEMBER 31, 1914

## DR.

Deficit Jan. 1, 1913 . . . .	\$34,887 51	
Interest paid . . . .	4,453 33	
Depreciation . . . .	6,051 08	
	<hr/>	\$45,391 92

	CR.	
Jobbing income . . . . .	\$224	40
Stock . . . . .	85	76
Rent of poles . . . . .	342	28
Interest on bank balances . . . . .	138	70
Gain in operating . . . . .	14,303	85
	<hr/>	
	\$15,094	99
Deficit Dec. 31, 1914 . . . . .	30,296	93
	<hr/>	
		\$45,391 92

## STATEMENT, DECEMBER 31, 1914

	ASSETS	
Real estate . . . . .	\$11,654	42
Steam plant . . . . .	31,124	88
Electric plant . . . . .	17,911	57
Lines . . . . .	73,805	33
Incandescent street lights . . . . .	9,266	61
Meters . . . . .	14,551	07
Transformers . . . . .	9,187	96

## INVENTORY :

Fuel . . . . .	2,623	58
Station tools and appliances . . . . .	814	90
Oil and waste . . . . .	26	97
Jobbing supplies . . . . .	2,517	58
Line material . . . . .	1,874	13
Incandescent lamps . . . . .	740	01
Repairs steam plant . . . . .	252	19
Repairs electric plant . . . . .	100	00
Repairs of lines . . . . .	141	34
Horses, wagons, auto, etc. . . . .	1,419	72
Distribution tools and appliances . . . . .	516	43
Office supplies . . . . .	299	07
Office furniture . . . . .	889	72
Unexpired insurance . . . . .	521	29
Cash in Town Treasury construction account . . . . .	1,399	32



Cash in Town Treasury maintenance account . . . . .	\$133 53	
Cash in Mechanics' Savings Bank (customers' deposits) . . . .	1,549 74	
Accounts receivable (manufacturing)	8,225 64	
Sundry accounts receivable . . .	360 13	
	<hr/>	
	\$191,907 13	
Profit and loss deficit . . . . .	30,296 93	
	<hr/>	\$222,204 06

## LIABILITIES

Bonds payable . . . . .	\$83,000 00	
Notes payable . . . . .	23,000 00	
Appropriations for bond payments .	42,513 00	
Appropriations for note payments .	22,000 00	
Appropriations for construction .	36,623 30	
Overdraft for construction . . .	3,211 64	
Customers' deposits . . . . .	1,549 74	
Interest accrued, not due . . . .	1,186 47	
Accounts payable, maintenance . .	9,119 91	
	<hr/>	\$222,204 06

## CONSTRUCTION ACCOUNT

## Dr.

Cost of plant as shown in Town Report		
Dec. 31, 1913 . . . . .		\$202,548 81
Real estate . . . . .	\$127 83	
Electric plant . . . . .	5,221 38	
Steam plant . . . . .	17,233 45	
Lines . . . . .	3,883 17	
Incandescent street lamps . . . .	2,354 39	
Meters . . . . .	1,557 51	
Transformers . . . . .	583 04	
	<hr/>	\$30,960 77
Cost of plant Dec. 31, 1914 . . .		\$233,509 58

## CONSTRUCTION CASH ACCOUNT

## DR.

Balance Dec. 31, 1913 . . . . .	\$18,467 50	
To appropriation for new street lights . . . . .	1,200 00	
Appropriation for construction . . . . .	2,932 07	
Proceeds Wilmington construction bonds . . . . .	1,000 00	
Proceeds bonds for construction . . . . .	8,000 00	
Depreciation cash used for construction . . . . .	3,692 59	
	<hr/>	\$35,292 16

## CR.

By amount paid for real estate . . . . .	\$127 83	
Amount paid for electric plant . . . . .	5,221 38	
Amount paid for steam plant . . . . .	17,233 45	
Amount paid for lines . . . . .	3,883 17	
Amount paid for incandescent street lights . . . . .	2,354 39	
Amount paid for meters . . . . .	1,557 51	
Amount paid for transformers . . . . .	583 04	
Amount paid for accounts payable 1913 . . . . .	2,932 07	
	<hr/>	\$33,892 84
Balance Dec. 31, 1914 . . . . .	1,399 32	
	<hr/>	\$35,292 16

## WILMINGTON EXTENSION CASH ACCOUNT

Bond issue for Wilmington Extension . . . . .	\$20,000 00
Expended . . . . .	20,000 00

### ADDITIONAL TUNGSTEN STREET LIGHTS

Appropriation . . . . .	\$1,200 00	
Construction cash used . . . . .	1,154 39	
	<hr/>	\$2,354 39
Expended . . . . .		\$2,354 39

### DEPRECIATION CASH ACCOUNT

Appropriation from earnings . . . . .		\$6,051 08
Amount used for construction acct. . . . .	\$3,692 59	
Amount used for renewal of lines . . . . .	2,358 49	
	<hr/>	\$6,051 08

### LYNNFIELD EXTENSION

#### TOTAL INVESTMENT TO DEC. 31, 1914:

Lines . . . . .	\$6,982 08	
Incandescent street lights . . . . .	692 65	
Meters . . . . .	995 94	
Transformers . . . . .	587 12	
	<hr/>	\$9,257 79

### NORTH READING EXTENSION

#### TOTAL INVESTMENT TO DEC. 31, 1914:

Electric plant . . . . .	\$440 12	
Lines . . . . .	20,528 39	
Incandescent street lights . . . . .	1,517 13	
Meters . . . . .	1,144 83	
Transformers . . . . .	826 99	
	<hr/>	\$24,457 46

### WILMINGTON EXTENSION

#### TOTAL INVESTMENT TO DEC. 31, 1914:

Electric plant . . . . .	\$627 18	
Lines . . . . .	24,523 10	
Incandescent street lights . . . . .	1,572 85	
Meters . . . . .	1,295 40	
Transformers . . . . .	1,368 20	
	<hr/>	\$29,386 73

In accordance with the requirements of Section 114 of Chapter 742 Acts of 1914, I submit the following estimate for the year ending Dec. 31, 1915.

## EXPENDITURES :

For operation, maintenance and repairs . . . . .	\$34,786 19	
For interest on bonds and notes . . . . .	4,408 13	
For depreciation fund (3% on \$232,409 58) . . . . .	6,972 28	
For note payments . . . . .	2,500 00	
For bond payments . . . . .	7,000 00	
For loss in preceding year . . . . .	4,950 32	
	<hr/>	\$60,616 92

## INCOME :

From sales to private consumers . . . . .	\$48,916 92	
From miscellaneous items . . . . .	700 00	
	<hr/>	\$49,616 92
Balance . . . . .		<hr/> \$11,000 00

## FOR NEW CONSTRUCTION :

Reading . . . . .	\$4,000 00	
And balance on hand Dec. 31, 1914 . . . . .	1,399 32	
	<hr/>	\$5,399 32
North Reading, Wilmington and Lynnfield Centre . . . . .	12,000 00	
Total . . . . .	<hr/>	\$17,399 32
Total to be appropriated . . . . .		<hr/> \$28,399 32

Respectfully submitted,

ARTHUR G. SLAS, Manager.

## APPENDIX A

TABLE SHOWING AMOUNTS RAISED AND APPROPRIATED FROM  
TAX LEVY FOR MAINTENANCE AND CONSTRUCTION PUR-  
POSES FROM 1900 TO 1914 INCLUSIVE

	Appropriations for Maintenance, Interest, Depreciation and Payment of Bonds and Notes	Appropriations for Construction	Appropriations for Additional Street Lights	Total Appropriations for All Purposes
1900	\$9,401.50	\$1,500.00	\$165.00	\$11,066.50
1901	9,833.50	1,500 00	135.00	11,468.50
1902	8,644.00	2,500.00		11,144.00
1903	10,905.00	3,000.00		13,905.00
1904	10,905.00	2,099.34		13,004.34
1905	7,815.00	3,000.00		10,815.00
1906	9,307.00			9,307.00
1907	8,465.00			8,465.00
1908	8,225.00			8,225.00
1909	10,725.00			10,725.00
1910	10,000.00		270.00	10,270.00
1911	5,800.00		1,000.00	6,800.00
1912	5,000.00	4,000.00	1,500.00	10,500.00
1913	6,000.00	3,826.19	1,250.00	11,076.19
1914	4,500.00	2,932.07	1,200.00	8,632.07

## APPENDIX B

THE COMMONWEALTH OF MASSACHUSETTS  
IN BOARD OF GAS AND ELECTRIC LIGHT COMMISSIONERS

BOSTON, Oct. 6, 1914.

## READING PETITION

This is an application by the Municipal Light Board and the manager of the Municipal Light Plant of the town of Reading, asking that this Board consent to certain prices for electricity alleged to be less than cost as defined in section 22 of chapter 34 of the Revised Laws (now section 115 of chapter 742 of the Acts of the year 1914).

After due notice a public hearing thereon was held in Reading.

The town owns an electric plant which it has operated since 1895. By authority of special legislative acts it is distributing and selling electricity in North Reading, Lynnfield and Wilmington, and to the municipal plant at Wakefield. The last-named town, however, has recently concluded an agreement for the purchase of its electricity from the Edison Electric Illuminating Company of Boston.

The prices alleged to be less than cost are as follows on monthly bills:—

For power :	200 kilowatt hours or less,	8 cents per K. W. H.
From	201 to 300 kilowatt hours,	7 cents per K. W. H.
	301 to 400 kilowatt hours,	6 cents per K. W. H.
	401 to 500 kilowatt hours,	5 cents per K. W. H.
	501 to 750 kilowatt hours,	4½ cents per K. W. H.
	751 to 1,000 kilowatt hours,	4 cents per K. W. H.
	1,001 to 1,500 kilowatt hours,	3½ cents per K. W. H.
	1,501 to 10,000 kilowatt hours,	3 cents per K. W. H.
	Over 10,000 kilowatt hours,	2½ cents per K. W. H.

For cooking and heating: current used for cooking and heating, when metered separately, 4 cents per kilowatt hour, with discount of 10 per cent. if paid on or before the 15th of month following the date of the bill.

To town of Wakefield: 3 cents per kilowatt hour for all electricity used during peak hours; 2 cents per kilowatt hour for all electricity used during non-peak hours. Yearly guarantee of 400,000 kilowatt hours at above rates.

To water department of Reading: 2 cents per kilowatt hour.



For the reason already stated any question as to the Wakefield rate has been eliminated, and there seems to be no occasion for any action by the Board with respect to it. The other prices under consideration have been, for the most part in force for several years, and the question raised by this application is not as to the propriety of the establishment of new prices, but rather as to the continuance of those now in force. At the hearing it appeared that a sharp difference of opinion had arisen as to the policy pursued and to be pursued in the conduct of the plant's business. The advisability of having entered upon the supply of electricity in other towns was questioned. Doubt was expressed as to whether the plant investment had not increased more rapidly than was justified in the interest of the town, and the sale at so low rates of so much electricity in proportion to the total output was criticised. It seemed, also, to be conceded by all that the electricity furnished to the town for street lights was not paid for by the taxpayers at cost as defined by the statute.

These different views, while urged with some warmth, were evidently prompted by a sincere desire to serve the best interests of the town in the conduct of the business. Some of the questions raised, however, as to the amount of investment and the extent of territory which the plant shall serve, seem to have already been conclusively settled by the town under specific legislative authority. This fact and the advantages thus far to Reading, as well as the benefits to the municipalities and private consumers in the adjacent territory, make any criticism by the Board at this time of the town's course unnecessary and inexpedient. But the law prescribes a maximum and minimum limit to the prices which the manager and Municipal Light Board may fix, and specifically forbids a price less than such minimum without the written consent of this Board. The issue, therefore, in this case is not as to the reasonableness of the different prices already established, or even as to their fairness as between different customers or groups of customers,



but rather as to the expediency of consenting to certain prices which are less than cost as defined by the statute.

Before discussing the facts which are pertinent to this issue, it seems desirable to point out that the language of the statute prescribes explicitly the method for determining cost. It must include all operating expenses, interest on the plant investment at the rate paid upon the debt incurred therefor, the maturing debt requirements and depreciation reckoned at not less than 3 per cent. upon the cost of the plant; all electricity used by the town must be charged at cost. In applying these requirements to the fixing of a price the Legislature apparently intended by the term "cost" the average cost computed upon the total units of kilowatt hours delivered for all uses. Such interpretation necessarily gives no consideration to any differences in cost, which may exist between customers or groups of customers, growing out of differences in character or conditions of supply. If such differences, which are not uncommon, result in actual and substantial differences in cost, the statutory requirement becomes so entirely arbitrary as to have compelled the Legislature to recognize that some departure from the strict interpretation of the rule laid down may be made with advantage to both the public and private interests involved.

It is characteristic of the supply of electricity for light that, relative to the amount demanded, the average use is but for a short period of the dark hours of the day. On the other hand, it is characteristic of the supply of electricity for the production of mechanical power or in manufacturing that the average use is for a considerable period of the daylight hours. The use of electricity for lighting is, of course, large during the short days and small during the long days of the year, while its use for power is comparatively steady throughout the year. Because of these characteristics it is generally agreed that, broadly speaking, the unit cost of electricity delivered for power is usually materially less than that delivered for light, and this difference has been

made the justification for lower prices for power than for light, notwithstanding the great difficulty, perhaps impossibility, of accurately demonstrating the actual difference in cost for any individual customer. For this reason, and because of the fact that customers for power can readily supply themselves in other ways, power prices have doubtless been often determined by what the manager of a plant thought could be charged and command the business rather than by any very definite analysis of costs. Unless prices thus made are unreasonably low, the increased output secured, if without a corresponding increase of investment, has a tendency to decrease average unit costs, with resulting reductions in prices for light.

The prices for power, which have already been quoted, are concededly less than cost as defined by the statute, with the possible exception of the base price and one or more of the higher figures in the schedule, at which rates little, if any, electricity is likely to be sold. From the standpoint of the power customer they may not be low. If electricity for power is to be sold at all, prices as low as those in the schedule must probably be continued. As a matter of fact, under them the output for power has been substantially increased, and, although their full effect may not yet be realized, it has apparently been of advantage to the business as a whole. Under such circumstances the Board is reluctant to withhold its consent to the prices established for power. But in making this statement the Board, for reasons already given, does not assume to consider the schedule in detail, either with respect to the expediency of its items severally or its fairness as between different power customers. It may also be proper to add that the lowest rate offered under this schedule shows little, if any, margin over the bare manufacturing cost of the current, and therefore the management is bound to watch over the development of the power business and the effect of such rates upon the entire operation of the plant with especial care, in order that no electricity

shall be sold at an actual loss and an undue burden be thus imposed upon the taxpayers or any class of customers.

The question with respect to the heating and cooking rates is similar. It appeared that comparatively little electricity has been sold under this rate, and it is quite evident that no electricity would be sold for this purpose at a rate as high as the cost computed under the statute. In fact, the price at which electricity can be sold for this purpose seems to have little to do with its cost, but depends rather upon its value to the customers. Moreover, because of the circumstances of its use for this purpose, it may under some conditions be furnished materially below cost, as defined in the statute, without actual loss to the plant. The propriety of trying to obtain this class of business involves at the outset largely considerations of commercial expediency. Up to the present time the volume of the business under this rate appears to have been too small to have had any material effect either on the operations of the plant or its revenues. If it results in increasing output without proportionately increasing investment, the experiment will in a measure be justified. There was some indication at the hearing that this rate had been allowed for the use of irons and other small heating and cooking devices. While probably few will avail themselves of the rate for this purpose because of the minimum charge, it is doubtful whether commercial necessity or expediency requires other than regular rates for such devices in cases where the volume of such business is relatively small.

The pumping rate of 2 cents allowed to the water department of the Town raises a different issue. Manifestly it is less than cost, as defined by the statute. For that matter it yields no more than the bare cost of producing the electricity supplied for this purpose. The same section of the statute, under which this case is brought and which provides that the "price" at which current is sold may be fixed at less than cost as there described (with the per-

mission of this Board) and which elsewhere provides that such price may be greater than cost if it will allow a profit of no more than eight per cent., also expressly provides that "the gas and electricity used by the town shall be charged to it *at cost*." Not only does this last provision require this charge to be made, but no authority is given in the section, either to the town authorities or this Board, to make the charge for current so used either more or less than cost. The provisions for a price to yield no more than a definite maximum profit, and a price which may permissibly be less than cost, are so clearly inconsistent with the requirements about the charge to the town as to make such provisions inapplicable to the current used by the town and to restrict the application of the word "price," as used in the statute, to current sold to private consumers. The provisions about "price" are in their nature elastic; those about the charge to the town, however, are inelastic and rigid.

The town owns and is equally bound to maintain both the electric and water plants. The importance of a definite charge for the service rendered by one to the other is obvious, not only for convenience in accounting, but as an aid to the proper administration of both departments, and in maintaining a proper adjustment of the relative rights and obligations of the respective customers of each and of the tax payers. But the delivery of electricity by the electric to the water department is not a "sale" for which the statute requires a price to be fixed. It is only for electricity supplied to its inhabitants that a price must be fixed. A careful reading of the section makes clear that the Legislature intended primarily to require the fixing of a price for electricity so supplied, and to prescribe the procedure upon its change and its minimum and maximum limits.

But without the requirement which follows respecting the charge to the town in the sentence already quoted, all of the items enumerated might be loaded upon the output to private customers in computing the "cost" upon which

the price to them is to be based—a view which seems to have been urged at one time in this controversy. With this requirement, however, the management of the plant in the prices which it fixes for private customers can ask them to pay only their proportionate part of the operating and fixed charges, and at the most an 8 per cent. profit on the investment. All of the operating and fixed charges not covered by the revenue which such prices to private customers produce must of necessity be raised by taxation, and will in fact be the payment which the town makes for all electricity furnished for municipal use.

For these reasons the Board is of the opinion that it has no authority to give or withhold its consent to the so-called "price" for electricity furnished for pumping at the water works, or to the recently established price of 5 cents for municipal buildings, although this price was not included in the application. In reaching this conclusion, however, the Board has confined its attention strictly to the issue presented by this petition. Section 125 of the act referred to (Chapter 742, Acts of 1914) empowers this Board to secure compliance with all provisions of the municipal electric lighting law, including the section which has been so fully discussed, but the law plainly was not intended to shift from the cities and towns owning them and their managers the responsibility for their sound administration. While the statute does not fix the limits of the charges which may be made for electricity furnished to other departments, yet in the practical administration of the business the maximum and minimum limits prescribed for price to private customers can best be determined to the satisfaction of reason and justice if the town adopts the policy of complying fully with the spirit of the statute by raising by taxation its proper share of the operating and fixed charges of the plant. Some of the difficulties in this case have arisen because of differences of opinion about matters which must be finally settled by the town and the Municipal Light Board and manager rather than by this Board. But as they entered into the



discussion at the hearing it has seemed not improper for the Board to make some suggestions respecting them.

The electricity supplied for pumping or for public buildings involves at most but a few hundred dollars annually. The chief municipal use of electricity is for street lighting. For the past two years the plant has been operated at what is termed a "loss" in section 154 of the act. That is to say, not enough has been realized from the revenues of the plant and from taxation to provide for the operating expenses, maturing debt requirements, interest and depreciation. It is quite natural under such circumstances to infer, as was done at the hearing, that the prices for electricity supplied to private customers have been too low. But the same result follows if the town fails to provide in the tax levy for the full cost of the electricity supplied for municipal use, whether for the pumping station, public buildings or street lights. From the data exhibited at the hearing and from its own investigation, the Board is convinced, notwithstanding the opportunity for differences of opinion as to the exact basis and factors involved in the computation, that the price charged private lighting customers appears to approach closely, if not in fact to exceed, the maximum limit prescribed by the statute. In addition, inasmuch as the so-called "loss" in operation of any year must be taken care of in the succeeding year to the extent that this results from an inadequate provision in the tax levy of the preceding year, the private customers must share with the taxpayers in taking care of a deficiency for which they are in nowise responsible. In fact, had the plant been independently owned, and had it received from the town for the electricity supplied for municipal use its cost as defined by the statute, it would probably have shown some profit in excess of all operating expenses and fixed charges, including depreciation and the payment of its maturing debt. This is a condition creditable to the management of the plant. It also indicates that it is the taxpayers and not the private cus-

tomers who have failed to carry their fair share of the financial burdens of the business.

In view of these considerations the Board has—

Voted, To consent to the power, heating and cooking prices for electricity heretofore established by the Municipal Light Board and Manager of Municipal Lighting of the Town of Reading and set forth in their petition filed with this Board on May 7, 1914, and to dismiss for lack of jurisdiction so much of said petition as relates to the price for electricity furnished to the water department of said town for pumping purposes.

For the Board,

FOREST E. BARKER, Chairman.





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Annual Report  
OF THE  
SCHOOL COMMITTEE

OF THE  
TOWN OF READING

For the Year Ending December 31

1914

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## SCHOOL COMMITTEE

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WALTER S. PARKER, 55 Walnut St.	Term expires 1917
HOWARD W. POOR, 27 Mt. Vernon St.	Term expires 1917
MRS. IDA A. YOUNG, 86 Woburn St.	Term expires 1916
JESSE W. MORTON, 114 Woburn St.	Term expires 1916
ARTHUR N. MANSFIELD, 107 Woburn St.	Term expires 1915
MRS. ELIZABETH H. BROWN, 83 Prospect St.	Term expires 1915

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### Superintendent of Schools

ADELBERT L. SAFFORD, 78 King St. Tel. Reading 170.

#### OFFICE

High School, hours 8.30 to 9.30 A. M. Tel. Reading 181-W

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### Secretary to the Superintendent

MYRTLE D. WELLS, 55 Prescott St.

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### Truant Officer

WILLIAM KIDDER, 26 Lowell St., Tel. Reading 324-M

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### Medical Inspector

E. DALTON RICHMOND, M. D., 24 Woburn St. Tel. Reading 259

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### Janitors

HIGH SCHOOL, Clement Gleason	. .	64 Orange St.
HIGHLAND SCHOOL, Jesse N. Hutchinson	. .	32 Bancroft Ave.
CENTRE SCHOOL, William Kidder	. .	26 Lowell St.
UNION ST. SCHOOL, William Kidder	. .	26 Lowell St.
LOWELL ST. SCHOOL, Sylvanus L. Thompson		167 Lowell St.
PROSPECT ST. SCHOOL, Timothy Cummings		25 Temple St.
CHESTNUT HILL SCHOOL, Alfred Ells	. .	47 Hopkins St.
HIGH SCHOOL MATRON, Mrs. Ara Pratt	. .	29 Orange St.

## ORGANIZATION OF SCHOOL COMMITTEE

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WALTER S. PARKER, Chairman

ADELBERT L. SAFFORD, Secretary

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### Sub-Committees

#### FINANCES AND ACCOUNTS

A. N. Mansfield                  H. W. Poor                  J. W. Morton

#### BOOKS AND SUPPLIES

J. W. Morton                  Mrs. Ida A. Young                  W. S. Parker

#### SCHOOL HOUSES AND PROPERTY

A. N. Mansfield                  J. W. Morton                  H. W. Poor

#### RULES AND REGULATIONS

Mrs. Elizabeth H. Brown                  H. W. Poor                  A. N. Mansfield

#### TEACHERS AND SALARIES

H. W. Poor                  W. S. Parker                  J. W. Morton

#### MUSIC AND DRAWING

Mrs. Ida A. Young                  J. W. Morton                  Mrs. Elizabeth H. Brown

#### COURSE OF STUDY

H. W. Poor                  Mrs. Ida A. Young                  J. W. Morton

## REPORT OF SCHOOL COMMITTEE, 1914

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### TO THE CITIZENS OF READING :

In behalf of the School Committee, the following report is submitted for the year of nineteen hundred fourteen.

The Wall Street Journal, a leading financial paper of New York City, says recently in an editorial that everybody who has had experience in the handling of unskilled labor knows that there are some men who fail through lack of concentrated effort. It says, "They constitute a discontented class which believes that society should do for them what they could have done for themselves with a little conscience and effort. All the legislation in the world will not remedy it. There is no conceivable plan of helping a man who declines to help himself except by putting him in the workhouse or the jail.

"This is the fault of a badly conceived system of education. We are trying to teach the child that education is easy. It is not. It is difficult and involves toil and self-denial. Our educational system lays the foundation of idleness and waste because it teaches the child that things worth having can be obtained without hard work. If we are willing to start fairly with the child by showing him that life is a serious thing and that there is nothing in it worth having which is not won by arduous effort we shall have largely solved the problem of unemployment."

The ideas suggested in the article as to the stand which educators assume on the subject of education are entirely false. Teachers do not maintain that education is easy; in fact, they take just the opposite view. In some cases,

parents take the stand, that, somehow a pupil should progress and be promoted from grade to grade, even if he does not work. Teachers and educators have always held the doctrine that good results and real progress can be made only by faithful work and hard study. It is self-evident that good scholarship and strong character can be attained only by the self activity of the pupil.

The one great thing that is needed on the part of parents and pupils today in Reading and elsewhere is a saner view of the importance of thorough work in all departments of school study. The quality of work done is a sure measure of its value to the student. Good work will result in real progress. One of our teachers recently at a meeting of the Neighborhood Betterment Association, when called upon to give her ideas of how things could be improved in the High School, dwelt very strongly on the importance of a more serious attitude on the part of pupils towards the work of the school and a more pronounced and firmer stand on the part of parents and friends. She pointed out that good results can be obtained only by persistent and painstaking efforts by the pupils, and asked that the school work should not be allowed to take a secondary place in the activities of the pupils. The chief interest of the young should be directed towards getting a good education, which can be acquired only by a steady and undivided attention to that end. Bacon, years ago maintained, "that a steady and undivided attention to one thing was a sure mark of a superior mind."

Attention is strongly urged to the report of the Superintendent and to the financial report of the Committee. In order that the citizens of the town may have full knowledge of the action of the Committee in financial matters, we print as a part of this report the statement made by the Superintendent to the Town Finance Committee as an explanation of our request for funds for the year 1915.

The Superintendent in his report has touched upon many phases of school activity, and we invite your attention



to them. We desire once more to present recommendations for the employment of a teacher of Domestic Science and Household Arts. Emerson says, "Teach those things which the pupil will wish to know and practice in later life." Our girls are to become home makers in years to come, unless our civilization is a failure. Is it not a fair question to ask, what are we doing in the educational field that leads directly to this end? Domestic Science and Household Arts is a broad and comprehensive subject which touches life and living at its very sources. Food, clothing and shelter are the fundamental things which are necessary to life. In our complex civilization, what more practical thing can be found than the knowledge requisite for the economical purchase of foods and the ability to prepare a "balanced ration" to meet the needs of a family. The time has come when there should be no further delay in this matter. The expense is not large and the results are vital to the happiness and well being of our future homes.

We are pleased to note that the frequency of changes in the teaching staff has been somewhat checked this year, but this condition cannot be maintained without further increases in salaries. Details relating to this matter will be found in the letter addressed to the Town Finance Committee.

The terms of Elizabeth H. Brown and Arthur N. Mansfield as members of the School Committee expire this year.

#### BUDGET FOR 1915

We recommend the appropriation of the sum of \$43,000 and receipts for school maintenance, and also two special appropriations as follows: \$500 for typewriters and office appliances; \$1,000 for improvement of school grounds.

#### STATE-AIDED VOCATIONAL EDUCATION IN AGRICULTURE

Ever since Governor Douglass appointed a Commission to investigate Industrial Education in Massachusetts there

has been constant agitation of the question and the state has committed itself so strongly in favor of vocational education that she has been pointed to by other states as the pioneer and model. Laws have been enacted authorizing towns and cities to establish vocational schools of different kinds; the State Board of Education was reorganized in the interests of industrial education; a deputy commission of education with numerous assistants has been employed to have the direction of the establishing and management of Industrial Schools; and state laws have been enacted empowering the state to pay half the cost of such education. Notwithstanding all this, the cities and towns have been slow to respond and bear their part in cooperation with the Commonwealth. A few schools of different types are scattered over the state and are doing splendid work, but most towns, like Reading, have been indifferent to its needs, opportunities and duties in these directions.

The School Committee has unanimously requested that an article be placed in the warrant for the Town meeting to see if the Town will establish in connection with the High School a State-Aided Vocational Department of Agriculture. The State will repay to the Town two-thirds of the salary paid for instruction in such an approved school. This would be at least half of the whole expense of maintaining the school. This section of the State has been looked over by an agent of the State Board of Education who has approved Reading as a center for establishing agricultural instruction. Concord, Mass., with the aid of the State, has maintained such a school for two years with marked success and benefit to the community. This is undoubtedly Reading's present opportunity in the direction of vocational education. Such a school would not be a heavy burden on the tax-payers. Two thousand dollars or a tax of less than thirty cents on a thousand of valuation would be required the first year beginning April 1 for a school to take care of twenty pupils. The following year one thousand of this would be repaid so that a tax of fifteen to eighteen cents on

the thousand of our present valuation would be sufficient to maintain the school after the first year.

The work done by such a school is of the most practical character. No pupil is accepted who does not agree to carry on actual farm projects in connection with his school instruction. The average income of thirty boys—five from each of the six centers carrying on this work in 1913—was \$324 each, or over \$6 a week for the entire 52 weeks of the year. One boy averaged \$22.50 a week of income for the entire year from his earnings and projects, a total of \$1150.15.

The School Committee feels that this matter ought to be placed before the voters of the Town for their thoughtful consideration and action. They therefore recommend that the sum of \$2000 be raised by taxation and appropriated for the establishment and maintenance of a State-Aided Vocational Department of Agriculture in the High School for the year 1915.

WALTER S. PARKER, Chairman

HOWARD W. POOR

IDA A. YOUNG

JESSE W. MORTON

ARTHUR N. MANSFIELD

ELIZABETH H. BROWN

School Committee of Reading.

Feb. 9, 1915.

## REPORT OF SUPERINTENDENT OF SCHOOLS, 1914

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TO THE SCHOOL COMMITTEE OF THE TOWN OF READING, MASS. :

I respectfully submit for your consideration the twenty-second annual report of the Superintendent of Schools. The year has been a prosperous one in which the schools have maintained their accustomed standards of excellence and in some particulars have been improved.

### TEACHERS

The number of changes in the personnel of the corps of teachers was reduced to a minimum through the judicious use of a small sum for increasing salaries. The loss of the teacher of Manual Training, Mr. Eastwood, and the teacher of French and German in the High School, Miss Dey, was regrettable but was inevitable. Mr. Eastwood's full time was required by another town and Miss Dey was appointed to a position with a maximum salary far beyond anything that Reading can be expected to afford at present. The other four changes did not affect unfavorably the efficiency of the schools. In contrast with the record of the preceding year, when there were fourteen new teachers, this year has been very satisfactory and will go far toward the promotion of a steady improvement in scholarship and discipline among the pupils.

Such efforts to keep efficient teachers for longer terms of service must be continued, however, if our schools are to do their full duty to the children. Nearly every week school officials from near or far visit Reading teachers and offer some one a higher salary to go elsewhere. Only the confidence that their services are appreciated and will be re-

warded by favorable conditions for work and suitable advancement in salary has kept at least six of our best teachers in Reading this year.

### COURSE OF STUDY

In the High School, the Commercial Course has been greatly strengthened along the lines suggested in last year's report. The time devoted to shorthand and typewriting has been increased from five hours a week to ten hours; and the time for commercial arithmetic from three hours a week to five hours. A third year of bookkeeping has been introduced and a new text-book placed in the hands of the beginners; new courses of five periods a week in commercial English with new text-books have been introduced in the Junior and Senior years; penmanship and spelling each for one period a week have been introduced in all of the four years; the number of typewriters in the school was increased from twelve to twenty-four; a teacher of commercial branches replaced a teacher of English and French who resigned in the latter part of 1913. These changes in the Commercial Course have proved popular with the pupils and they have responded far beyond our expectation in the number electing commercial subjects—especially penmanship and spelling—and in their increased interest and enthusiasm for the work. Several of the class of 1914 returned in September for post graduate work in commercial branches. The opportunities now afforded by the High School, if properly utilized by the pupil, will fit for first class office positions. Attendance at a private commercial school is unnecessary. The private commercial school by concentrating on the strictly technical subjects offers a shorter course, but unless the pupil has already graduated from the High School, he loses in the commercial school the broader training that promotes future advancement in the business world.

During the year nineteen hundred fifteen, six more typewriters should be added and suitable office appliances



for instruction purposes. These should include a billing machine, different forms of letter presses, duplicating devices, vertical filing case, and card indexes.

Other improvements in the course of study in the High School and in the grades have been made in connection with the introduction of new text-books as follows: first and second year English, new edition of Latin grammar, Latin word list, algebras for all classes, plane geometry, chemistry, United States history in High School, readers for all elementary grades, spellers for grades five to eight inclusive. Other aids to teaching supplied this year have included a Thompson reflectroscope and lantern affording facilities for displaying on a screen or curtain lantern slides, colored post cards and other pictures and drawings, and microscopic slides; 240 carefully selected American views have been provided, and others will be obtained as fast as funds permit; also two Victor talking machines, number twenty-five, especially designed for school purposes, have been secured. One for the High School was purchased from the receipts of the Girls' Glee Club concert, and the other for the Highland School was purchased from the receipts of the annual concert of the Highland School pupils.

The Montessori sets of letters and the Parker word builders have been supplied to each primary room in the town. Two new charts for the study of United States history have been furnished, one for the Highland School and one for the High School.

A new method of teaching primary pupils to see relations of magnitude and number has been carefully outlined for the teachers of the lower grades. This work is designed to develop the pupil's power to solve problems independently. The introduction of new mental arithmetics in grades five to eight is planned for next year. The lack of ability to grasp the meaning of a problem and analyze it for the essential facts is one of the most serious and noticeable deficiencies among our pupils. This defect coupled with

inability to express fluently in good English such ideas as they do have is the greatest hindrance to further progress, especially in the High School. A concerted attack in these two directions is being made all along the line from the first grade through the High School. These faults, however, are so thoroughly entrenched—not so much in consequence of inadequate results of school work as on account of limitations of nature—that the task calls for all our resources and yields results slowly.

### QUARTERLY WRITTEN EXAMINATIONS

With the increasing scope of civil service examinations and the time honored system of written tests to determine fitness to enter various higher institutions of learning, including normal schools and colleges, the importance of ability to express knowledge in written form has rapidly increased. This is another reason for redoubling our efforts to improve the analytical powers of our pupils, and their ability to convey thought in lucid English. As one means to these ends, quarterly written examinations have been established in the High School in each subject. The examinations count for one-third of the pupil's mark and his daily class work counts for two-thirds. The examinations given at the end of the first and third quarters are shorter, occupying about an hour each; the mid-years and finals occupy two hours each and special programs for three days are arranged for examinations only.

In this connection a slightly higher standard of passing has been adopted. Sixty-five is now required instead of sixty. 90 to 100 is recorded as superior, 80 to 90 good, 70 to 80 poor, 65 to 70 very poor. Below 65 is recorded as a failure. Weekly reports are sent home for all pupils not doing passing work for the week in their recitations. Each teacher devotes at least one afternoon each week to pupils who come for assistance or to make up lessons lost by absence. Many teachers spend nearly every afternoon in special work at the school.



## ENTRANCE TO COLLEGES AND NORMAL SCHOOLS

The certificate privilege which permits pupils to enter certain colleges and normal schools without passing the usual entrance examinations was restored to the Reading High School for the year 1914 to this extent that permission was granted to send "specimen students" to any college belonging to the N. E. College Certificate Board. One student was certified under this privilege to Boston University, but later decided to attend a state normal school instead.

Students were accepted, however, on certificate to other institutions not belonging to the New England College Certificate Board as follows: Vassar College, Wheaton College, Simmons College, University of Maine, Salem Normal School. Other students passed successfully the college entrance examinations of the College Entrance Examination Board, Massachusetts Institute of Technology, Radcliffe College and Boston University.

There are certain advantages accruing from passing the regular entrance examinations instead of entering college on certificate. It is a very general opinion that the colleges are more critical and exacting toward students who have come in on certificate lest the standards should be lowered. The college seems to feel that the system is risky. They expressly forbid certifying a pupil in any subject in which he failed to receive a mark of at least 80 per cent. For strong students this does not matter, but those of lesser abilities are automatically excluded by the certificate system. Yet experience proves that in many cases these same students can successfully pass the entrance examinations and complete their college course in the usual time.

The school exercising the certificate privilege must refuse to recommend all but the best students or be in grave danger of having the right to issue certificates withdrawn. This deprives many pupils of the opportunity of going to college unless they have the unusual perseverance to insist on trying the examinations. Even then they do not have a

fair chance because the school that relies on the certificate privilege seldom gives adequate drills and coaching in preparation for examinations. The brilliant pupils are, of course, all right by either method, but those of more modest attainments have a far better chance of success under the examination system. In one school with which I was connected for many years, so many pupils who were refused certification were able to pass the entrance examinations that we discontinued granting certificates on our own initiative with entirely satisfactory results.

### REORGANIZATION OF GRAMMAR SCHOOL

There has been a growing feeling for several years that some plan of reorganization of the upper grammar grades would make the school of greater service by offering different courses to pupils according to their needs.

For those who are to enter industrial occupations or agriculture, a preparation is desirable that differs materially from that which is best for those who are to go to the normal school or college. Several notable experiments have been made in reorganization in different parts of the United States. These all agree in this particular, that the elementary school is made to consist of grades, one to six, inclusive. In one plan known as the "six and six," the last six years are included in the regular High School; in another plan, three years, grades seven, eight and nine, are grouped and called Junior High School, and the last three years, the Senior High School; a third plan groups grades seven and eight under the title of Intermediate School and introduces elective subjects and other High School features.

The State Board of Education has suggested the following outline of courses and subjects for the Intermediate School.

### THE INTERMEDIATE SCHOOL

The organization of courses of instruction known as the "Intermediate School" involves certain modifications in the courses usually offered children from 12 to 14, namely:

1. The introduction of practical arts, including manual training, agriculture, cooking and sewing, and commercial subjects. Such courses should be in charge of specially trained teachers. Equipment, as workshops, kitchens and garden plots, should be provided.

2. The introduction of academic subjects, usually taught only in the High School, as algebra, elementary science and foreign language.

3. The organization of two or more courses with reference to the needs and aptitudes of particular groups of children. Each pupil will be expected to select the course by which he seems most likely to profit. As examples, there may be cited: literary course, manual arts course, business course, household arts course, agricultural course. Illustrations of such courses are as follows:

#### LITERARY COURSE—Thirty Hours Per Week

English, penmanship, mathematics, geography, history and science . . . . .	12½ hours
Physical training, music and general exercises	7½ hours
Modern language . . . . .	5 hours
Drawing, designing, printing, making, repairing (Household arts for girls)	5 hours

#### BUSINESS COURSE—Thirty Hours Per Week

English, penmanship, mathematics, geography, history and science . . . . .	12½ hours
Physical training, music and general exercises	7½ hours
Typewriting, shorthand, business arithmetic , and related design . . . . .	10 hours

#### MANUAL ARTS COURSE—Thirty Hours Per Week

English, penmanship, mathematics, geography, history and science . . . . .	12½ hours
Physical training, music and general exercise	7½ hours
Drawing, designing, printing, making, repairing	10 hours

## HOUSEHOLD ARTS FOR GIRLS—Thirty Hours Per Week

English, penmanship, mathematics, geography, history and science . . . . .	12½ hours
Physical training, music and general exercises	7½ hours
Drawing, designing and household arts . . . .	10 hours

## AGRICULTURE—Thirty Hours Per Week

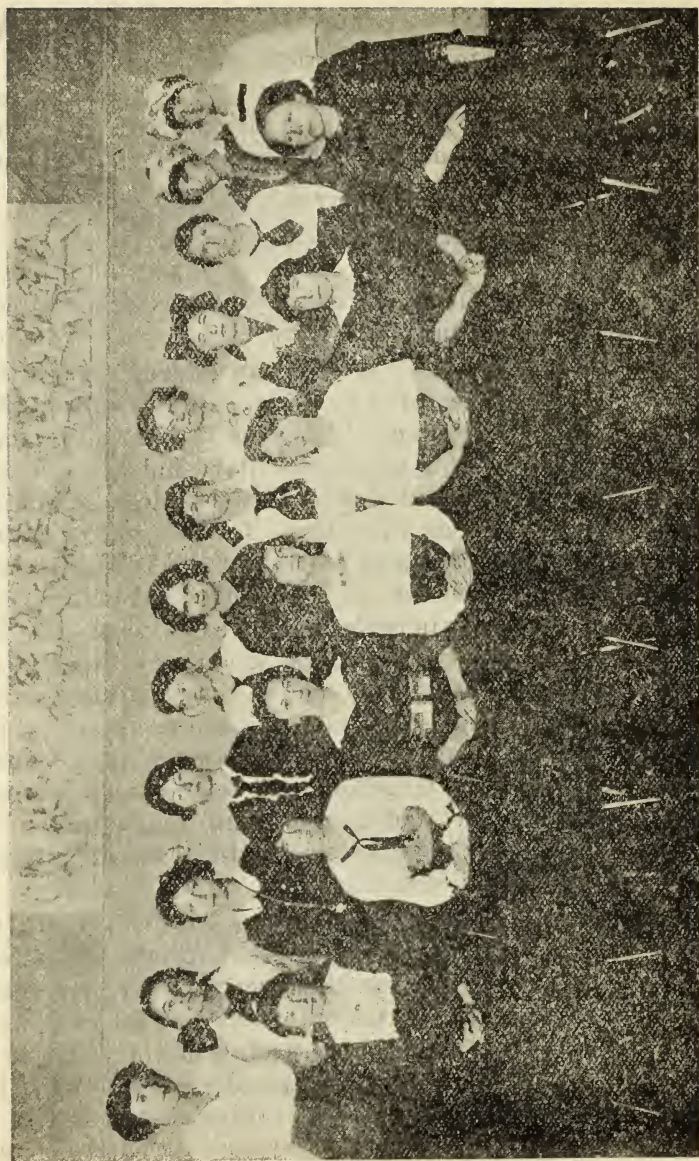
English, penmanship, mathematics, geography, history and science . . . . .	12½ hours
Physical training, music and general exercises	7½ hours
Drawing, designing and agriculture . . . . .	10 hours

The following quotations from an address by Dr. Orr, Deputy Commissioner of Education, explains various features of the above program. "Courses in the intermediate school are intended for pupils who have finished the work of the first six grades and also for pupils of less attainment who have passed the age of twelve. The program of instruction should provide, as far as possible, for some differentiation of courses to meet the needs of individual pupils. Such a program would contain certain required elements, as English literature, English language, geography, history and hygiene. The pupil would be offered a certain opportunity of election among such subjects as arithmetic, practical arts for boys, household arts for girls, drawing, bookkeeping, typewriting, foreign language and elementary science. Instruction in the laws of hygiene and insistence on the habits of right living are essential in the case of pupils in the first stages of adolescence.

"In manual training for boys as an elective subject, the aim should be to give the pupils a great variety of projects, each involving some definite constructive work, but choice should be offered so that the pupil may select projects in which he is interested. Articles useful in the home or in the school should be made. Each pupil should be taught to depend upon himself, and use his own initiative.

"In practical arts for girls, the controlling purpose should be to make articles or prepare dishes for actual use. Girls





HIGH SCHOOL GIRLS' GLEE CLUB, 1913-4

at this age are well able to make articles of dress. They can learn to use patterns, cut the cloth, assemble the parts of the dress and do the necessary sewing. In some schools, hats are made and trimmed, and girls make their graduation dresses.

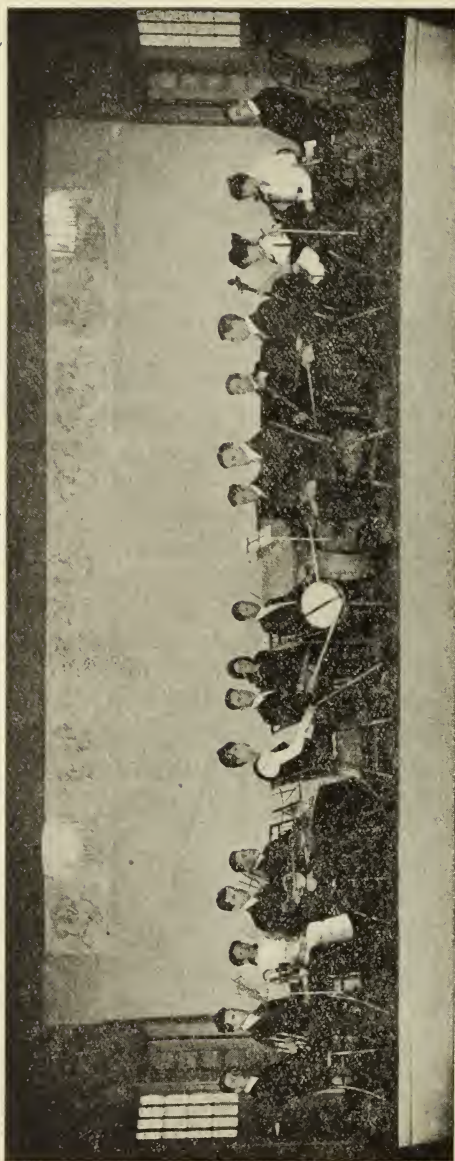
"When a modern language is taught in the intermediate school, the aim should be to give the pupil a command of the vocabulary of conversation. Any teaching of the grammar of the language should be incidental."

The conditions in Reading are peculiarly favorable for the organization of an intermediate school in the Highland building. If the parents and citizens desire the advantages of such a school for their children, the change can be easily accomplished. The only radical measure necessary is the lengthening of the school day. In order to get the time required for the practical arts and other new features, an hour should be added to the school day. As a compensation, compulsory home study could be done away with. The hours of the new day might be 8.30 to 12 A. M., 1.30 to 4 P. M. In the case of parents desiring shorter hours for a particular child on account of poor health or outside interests, it would be possible to make one or two courses optional, thus reducing the school work to twenty-five or twenty hours a week, instead of thirty hours, the full program.

### SUPPLEMENTARY FEATURES

Many school activities outside of the prescribed course of study contribute materially to the pupils' education. The music instruction finds public expression in the annual concerts.

These include the concert of the Highland School Chorus, of the High School Chorus, of the High School Orchestra, of the High School Girls' Glee Club, and of the High School Boys' Glee Club. The latter last year took the form of a minstrel show. This was well received by the public and especially commended for the absence of any



HIGH SCHOOL ORCHESTRA, 1914-5



objectionable features sometimes associated with a minstrel show. The High School Orchestra has done particularly well for this year under the direction of Miss Dey. It now has eighteen performers as follows: first violins: Charles A. Crowhurst, leader, Rena Michelini, John H. Burke, Dwight Thomas, Clarence Brown; second violins: Louis E. Whitchurch, H. Graham Hall, Harold W. O'Brien; guitar, Catherine Parks; violincellos: Dorothy A. Shepard, Madeline T. Wehrle; cornets: Leland S. Graff, Augusta H. Livermore, J. Eric Turner; flute, J. Chandler Dane; clarinet, Donald H. Morse; drums, Olifon Stokes; piano, Hazel M. White.

Another interesting and valuable activity consists of dramatics. In recent years there has been a growing conviction that the dramatic form should be more generally utilized in the education of children of all ages. Dramatization is a regular feature of primary reading and is coming to have an important place in language work. It may well be utilized in the history, geography and literature of the grammar grades. The historic tableau and pageant are particularly available in these grades. In the High School during the past year this work has taken the form of the presentation of two plays: one in English and one in French. In nineteen hundred thirteen a French play entitled, "*Le Poudre Aux Yeux*," was successfully presented. This year a more ambitious effort was made in the presentation of a more difficult play, "*Le Bourgeois Gentilhomme*." The costumes for this performance were furnished by a leading theatrical costumer of Boston, and supplemented very agreeably the excellent action of the play.

Several of our pupils joined clubs organized under the extension service of the Massachusetts Agricultural College and the Bureau of Plant Industry of the United States Department of Agriculture. One boy raised an eighth of an acre of potatoes and won a sweepstake prize at the State exhibit at Worcester. On the whole project he ranked



HIGH SCHOOL FRENCH PLAY, 1914

fourth in the State. Three other pupils won blue ribbons in the poultry club contest. The highest one stood thirty-fifth among over five hundred contestants. It is hoped that a larger number can be enlisted for 1915.

### CLUB UNITS OF WORK FOR 1915

NATIONAL CONTESTANTS MUST BE BETWEEN 10 AND 18 YEARS OF AGE

PREMIUMS—Trip to Washington, D. C., or its equivalent. Trip to places of interest in New England. Week at the Massachusetts Agricultural College.

#### PROJECTS

Corn	. . . . .	1 acre or 1-2 acre
Potatoes	. . . . .	1 acre, 1-2 acre, 1-4 acre or 1-8 acre
Market Gardens	. . . . .	1-10 acre or 1-20 acre
Hay	. . . . .	1 acre, 1-2 acre, 1-4 acre or 1-8 acre

All boys who are 14 years of age on January 1, 1915, must plant at least 1 acre of corn, 1-4 acre of potatoes, 1-10 acre of market garden, or 1-4 acre of hay.

Members of the Massachusetts Home and School Garden Club may plant small home or school gardens of vegetables or flowers, or a combination of these; 50 or more hills of potatoes, tomatoes or sweet corn; or 1 to 6 square rods of any crop. Ribbons are given for best exhibits and buttons for best gardens. Special premiums are given for best work by clubs of 10 or more; and money premiums for best results by schools, towns or cities.

Another valuable supplementary activity of the school is the editing of the school magazine, "The Pioneer," published four times a year. This is an established institution of the school that has won a favorable reputation in past years. "The Pioneer" of nineteen hundred fourteen takes its place worthily in the files with its predecessors. The business management successfully closed the year with all bills paid and contributed a small sum towards a deficit of the preceding year.

The social life of the school has been promoted by several evening assemblies of pupils and their friends. These include the Senior party, the Junior party, the graduation reception to the Senior Class and their friends given by the Junior Class, and several informal dancing parties after the concerts and plays. Christmas chapel exercises, Washington and Lincoln birthday observances, Memorial Day and several lectures and lantern entertainments and a special entertainment, talk and exemplification of college life given by the Reading College Club were other helpful and enjoyable diversions in our year's program. We also have to thank the Tourjee Club and the Reading Woman's Club for invitations to teachers and students to attend meetings of their clubs as guests.

### ATHLETICS

The two major sports maintained by the Reading High School are basket ball and base ball. Reading belongs to the Interscholastic Basket Ball League in which it is associated with Wellesley, Quincy, Revere and Winthrop. All of these schools are much larger than Reading, thus placing us somewhat to a disadvantage so far as expectations of winning are concerned.

Besides the school teams of boys, first and second, that represent us in games with other schools, there are regular class teams of boys which play a series for the Principal's cup. Also several teams of boys from the Highland School, special groups of High School boys, and two alumni teams have used the High School gymnasium. Some interest in basket ball and indoor base ball has been manifested by the girls, and it is hoped that this will be greatly increased during the next year. An attempt is to be made to introduce field hockey for the girls. This is being played with great interest by the girls of some neighboring high schools.

Reading has belonged to the Mystic Valley Baseball League for several years, and has continued its membership



the past year. It was also reinstated in the Middlesex Base Ball League, with which it had not been associated in recent years. The Athletic Association has been laboring under an indebtedness of about one hundred and twenty-five dollars. By the united efforts of the High School and the Highland School a special entertainment was given at the Reading Theatre and enough money raised to cancel the indebtedness and leave a substantial sum in the treasury. It is hoped that a deficit may be avoided in the future, but athletics cannot be placed on a solid financial basis without an enclosed field to which an admission fee may be charged. Such a field should be procured. Its use may be shared equitably by the High School and other town teams that may require the same accommodations for the same reasons.

Cross country running has been undertaken to a limited extent by our pupils. A cross country team has contested in the Mystic Valley meet during the past two years. This feature of athletics might well be developed to include a larger number of pupils. There has been no interest or activity in track athletics the past year. It is hoped that this branch may be revived. In this connection and for the sake of the younger children, it is very desirable that playground centers with suitable apparatus and supervision may soon be established in Reading. If nothing more were attempted, work after school and Saturday morning during the school year under the direction of some of the teachers would be a long step in advance and would be relatively inexpensive. Such a plan has been in successful operation in Boston for several years.

One paid man instructor and one paid woman instructor during the summer, with such volunteer assistance as could be procured, would accomplish great good. Some apparatus is desirable, but is of less importance than supervision as many popular games and exercises can be carried on with apparatus.

## SCHOOLHOUSES

During the summer the Centre schoolhouse was painted, and the Chestnut Hill schoolhouse was painted and shingled. Five rooms at the Highland schoolhouse were retinted. The money is on hand to shingle the Union St. schoolhouse and it will be attended to shortly. This building also needs painting. The Prospect St. schoolhouse also needs painting and a new smoke flue. The present flue which consists of an eight-inch drain pipe inside the ventilation chimney is inadequate. It should be replaced by a twelve-inch pipe or by a new chimney of suitable size. Attention was called last year to the condition of the tops of the ventilation stacks of the High School building. The mortar is crumbling, and eventually they must be rebuilt.

## GROUNDS

The grounds around several schoolhouses need considerable attention. The playground in the rear of the Highland building has never been put into good condition. It should receive immediate attention. The concrete around the Union St. building is in very bad condition and should be repaired immediately, or replaced with gravel. The rear of the Lowell St. school lot and the rear of the Chestnut Hill school lot are both in bad condition and are unsightly. A new fence also is needed at Chestnut Hill. A considerable sum could be spent to advantage in planting shrubs at Lowell St. and replacing missing ones at Prospect St. It is hoped that a beginning, at least, in improving these school grounds may be made next year.

## STATE-AIDED VOCATIONAL EDUCATION

Although Reading has taken no initiative thus far in co-operating with the State in the promotion of vocational education, nevertheless it has been compelled by the provision of Chapter 505, Acts of 1906, and Chapter 471, Acts of 1911, to pay the tuition of several residents of Reading who have attended industrial or household arts schools in other

towns. About four hundred dollars was expended for this purpose in 1914. One-half of this amount will be refunded by the Commonwealth. Pupils have been in attendance at the following schools: Boston Trade School for Girls, Boston Trade School for Boys, Somerville Industrial School for Boys, Boston Evening Trade School for Girls, Wakefield Evening School of Domestic Arts for Girls. It is a wise economy for Reading at present to pay tuition for such pupils as desire instruction along these particular lines, rather than establish special schools of her own for this purpose.

There is one line, however, in which Reading has an admirable opportunity to serve her own young men and incidentally those of the surrounding towns of North Reading, Wilmington, Wakefield, Stoneham and Woburn. This can be done by establishing and maintaining in collaboration with the High School a State-Aided Vocational School of Agriculture. This can be done at a small cost to the town as the State reimburses two-thirds of the amount of salary paid the instructors. A school of twenty pupils can be maintained by a tax of 15 cents on a thousand of present valuation. Pupils from other towns do not cost Reading anything, as the tuition fees paid by these towns are sufficient to pay the entire proportional cost of these pupils. Each pupil entering such a school of agriculture must enter into an agreement on the part of himself and his parent to engage in some productive farm project approved by the instructor and by the agent of the State Board of Education.

Sometimes education is criticised as being too theoretical and too far removed from the actual conditions of life. Here is a school that begins at the very fountain head of practical efforts—the boy at home on the farm surrounded by all the problems of animal husbandry and farm management. He comes to the schoolhouse a part of his time in order to get scientific information to take home to apply to the particular problems before him.



While he is doing all this he is earning. In the year of 1913, thirty pupils—five from each of the six centers then in operation—earned nearly \$10,000 from farm work in connection with attendance at the school of agriculture. One boy sixteen years old, living in the town of Petersham, received \$1,150.15 for his year's work and attended the school besides. His farm projects included 18 fowl, 82 chicks, 4 grade cows, 335 young apple trees, corn, potatoes, mangels, 3-4 acre of peach trees, 1 acre garden and orchard. This was an exceptional record, of course, as the average for the thirty pupils was about \$325 each. However, a boy of 18 in Northborough made \$659.25 on poultry; another in Hadley made \$679.50 on Holstein cows; another boy of 16 in Harwick earned \$586.42. What these boys learned was worth far more than what they earned, because the value of what they learned was equal to a sum that capitalized would produce an income equal to the increase in their earning capacity. An increase of \$300 a year or \$6 a week in earnings is equal to an investment of \$5,000 at six per cent., or \$7,500 in a savings bank at 4 per cent. This work in agriculture goes right on during the summer and the instructor is on the job. He takes his vacation in December, January and February when other work is provided for the boys in the regular schools.

The course of study is as follows: EVEN YEARS, (1914), 1st and 2d year students, AGRICULTURAL SCIENCE AND PROJECTS applied to a given community; KITCHEN GARDENING, vegetables and small fruits; ORNAMENTAL PLANTING, shrubbery, flowering plants, lawns; FARM SHOP WORK, making and repairing for home and school use—hot beds, cold frames, etc. 3rd and 4th year students. AGRICULTURAL SCIENCE AND PROJECTS applied to a given community; FARM ANIMALS, types, breeds, management; FARM BUILDING, sanitation and conveniences, plans, construction, upkeep; FARM CROPS for keeping the animals, rotation, balancing, cultivation; FARM MACHINES AND IMPLEMENTS, their use and repair.

ODD YEARS (1915), 1st and 2nd year students, AGRICULTURAL SCIENCE AND PROJECTS, applied to the community; SMALL ANIMALS, poultry, sheep, swine, bees—types, breeding, management, rations; BUILDINGS AND EQUIPMENT for small animals—plans, cost; HOME GROWN CROPS for small animals—kinds, quantities, seeds, soils, place in farm crop, rotation, fertilizing, tillage, harvesting, storage; FARM SHOP WORK and other construction. 3rd and 4th year pupils, AGRICULTURAL SCIENCE AND PROJECTS applied to given communities; FRUIT GROWING, orcharding and small fruits not before dealt with, propagation, cultivation, packing; MARKET GARDENING, markets, soils, seeds, fertilizers, tillage; BUILDINGS AND APPLIANCES, plans, devices, implements and machines—cost, use and upkeep; FARM SHOP WORK and other construction.

The agricultural student, if he so desires, may spend half of his time at school in regular High School classes in English, and one other approved subject which must be a science in the Junior and Senior years. Mr. R. W. Stimson, agricultural agent of the State Board of Education, has visited Reading and the surrounding towns and has expressed approval of this town as the center for carrying on this work.

The opportunity is ours. Can we afford to neglect it?

In conclusion, I desire to thank the members of the School Committee for very generous consideration and assistance in every way in carrying on the work of the schools, the teachers and other employees of the department for cheerful and hearty co-operation, and the parents and citizens for interest, suggestions and support.

Respectfully submitted,

ADELBERT L. SAFFORD,

Superintendent of Schools.

Reading, Mass., Feb. 3, 1915.



READING HIGH SCHOOL

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# Graduation Exercises

CLASS OF  
.. 1914 ..

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WEDNESDAY EVENING, JUNE TWENTY-FOURTH  
EIGHT O'CLOCK

---

High School Hall

## PROGRAM

PRAYER BY REV. MARION FRANKLIN HAM

Unitarian Church

- 1 The Gold Fever of 1849 . . . . . (Salutatory)

\* MARGARET ELIZABETH WHITTIER

- 2 Everyday Wonders of Nature

† EMMA JEAN BANGS

“The Bells of St. Mary’s” . . . . . Rodney

CHORUS

- 3 The Monroe Doctrine, Past and Present

† FRED RUSSELL KINGMAN

“I once had a sweet little doll, dears” . . . . . Nevin

“Laughter Land” . . . . . Marzo

GIRLS’ GLEE CLUB

- 4 A Victorious Spirit

‡ HELEN CARLETON

Processional March . . . . . Tracy

HIGH SCHOOL ORCHESTRA

- 5 A Backward Look

‡ WILLARD COREY DOWNING

“The Rose and the Nightingale” . . . . . Lehnert

CHORUS

- 6 Adventures in the Dictionary . . . . . (Valedictory)

\* MADELEINE THRESSA WEHRLE

Conferring of Diplomas

WALTER S. PARKER

Chairman of the School Committee

BENEDICTION BY REV. MARION FRANKLIN HAM

DIRECTOR OF MUSIC . . . . . ARTHUR HAROLD TOZER

ACCOMPANIST . . . . . GERTRUDE RUTH LITCHFIELD

\* Scholarship Honors

† Class Honors

‡ Faculty Honors

## CLASS OF 1914

## COLLEGE COURSE

Dorothy May Alger	Marion Weld Jewett
Grace Ursula Bancroft	Fred Russell Kingman
Emma Jeanne Bangs	Elsie Josephine McLeod
Helen Carleton	Annie Whelton Quillen
Joseph Abraham Coleman	Eugene Alton Richardson
Willard Corey Downing	Gould Bishop Ruggles
Herbert Ludwig Esterberg	Mildred Anna Tuttle
Doris Annie Fish	Madeleine Thressa Wehrle
Alan Frank Howard	Margaret Elizabeth Whittier
Paul Henry Howard	

## GENERAL COURSE

Marie Isabella Morren Badger	Melvin C. Lane
Lester Eames Batchelder	Gertrude Ruth Litchfield
Mildred Flora Bennett	Annie Elizabeth McCoy
Abbie Irene Bokleman	Effie Grace McKay
Ruth Althea Buck	Robert McKenna
Mary Louise Burke	Ashley Lowell Merrill
Muriel Moulton Ohellis	Maude Madeleine Mitchell
Harry Leslie Dodge	Emma Lutetia Moore
Arthur Leonard Doucette	Richard Baxter Nichols
Carrie Arline Dustin	James A. Park
Joseph Russell Duby	Edna Power
Gladys Winship Emery	Mabel Esther Sherman
Esther Grace Fay	Caleb Francis Stevens
Lester B. Hutchinson	Helen Frances Sullivan
Helen M. E. Johnson	John Thomas Wall
Laura Belle Joy	Harold Lovejoy Weston
Marion Louise Kidder	Ralph Edgar Wilson

## READING HIGH SCHOOL IVY DAY EXERCISES

CLASS OF 1914

High School Hall, Tuesday Afternoon, June Twenty-third

AT THREE O'CLOCK

CLASS MOTTO—"To be, and not to seem"

## PROGRAM

## 1 Address of Welcome and Presentation of Class Gift

\* MARION WELD JEWETT

## 2 Announcement of Class Elections

- |                           |                  |
|---------------------------|------------------|
| 1 Most Popular Boy        | 12 Neatest Girl  |
| 2 Most Popular Girl       | 13 Neatest Boy   |
| 3 Prettiest Girl          | 14 Cutest Girl   |
| 4 Handsomest Boy          | 15 Class Athlete |
| 5 Class Cut-up            | 16 Most Fickle   |
| 6 Most Original           | 17 Faculty Pet   |
| 7 Jolliest Girl           | 18 Class Flirt   |
| 8 Jolliest Boy            | 19 Wittiest Girl |
| 9 Most Dignified          | 20 Wittiest Boy  |
| 10 Most likely to succeed | 21 Class Sport   |
| 11 Greatest Talker        |                  |

† GERTRUDE RUTH LITCHFIELD

## 3 Vocal Solo

DORIS ANNIE FISH

## 4 Class Prophecy

† GOULD BISHOP RUGGLES

\* PAUL HENRY HOWARD



5 Presentation of Athletic Medals

Fred R. Kingman	Herbert L. Esterberg
Paul H. Howard	Lester B. Hutchinson
Willard C. Downing	Alan F. Howard
Ralph E. Wilson	Melvin C. Lane

6 Awarding of Prizes

\* RALPH EDGAR WILSON

7 School Song

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The audience will please adjourn to the grounds in the rear of the building by way of the Sanborn Street side for the

---

PLANTING OF THE IVY

8 Ivy Oration

† HERBERT LUDWIG ESTERBERG

9 Acceptance of the Spade

THOMAS BURNS, President of 1915

Informal Reception in the Hall after the Exercises

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CLASS OFFICERS

Harry Leslie Dodge, President

Herbert Ludwig Esterberg, Vice President

Madeleine Thressa Wehrle, Treasurer

Emma Jeanne Bangs, Secretary

CLASS DAY COMMITTEE

Elsie Josephine McLeod, Chairman

Alan Frank Howard

Maude Madaleine Mitchell

Joseph Abraham Coleman

Eugene Alton Richardson

\* Faculty Honor

† Class Honor

## ANNUAL CONCERT

READING HIGH SCHOOL, FRIDAY, JANUARY 30, 1914

HIGH SCHOOL HALL

- 
- 1 The Storm Fiend

CHORUS

- 2 The Shepherd Lady

THE GIRLS' GLEE CLUB

- 3 The Great Divide . . . . . Louis Maurice

R. H. S. ORCHESTRA

- 4 Aunt Saphrinia Taber at the Opera

MISS MARION L. KIDDER

- 5 *a* Swiss Vespers

- b* The Midshipmite

CHORUS

- 6 Overture: The Magic Sceptre . . . R. Gruenwald

R. H. S. ORCHESTRA

- 7 La Spagnola

THE GIRLS' GLEE CLUB

- 8 Oy Pringle's Detective Experience

MISS DOROTHY M. CURRELL

- 9 Ciribiribin

CHORUS

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Director—ARTHUR HAROLD TOZER

Accompanist—GERTRUDE R. LITCHFIELD, 1914

HIGH SCHOOL . . . . . READING

Tuesday Evening, March 10, 1914

GIRLS' GLEE CLUB CONCERT

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PROGRAM

Andante Finale . . . . . Leschetizky

MISS GERTRUDE LITCHFIELD

La Spagnola

Row us, row us swift

GLEE CLUB

Tale of the Turtle Dove

MISS RUBY FORBES

Forget-me-not

Carmena

GLEE CLUB

Reading

MISS DOROTHY CURRELL

The Shepherd Lady

GLEE CLUB

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Cantata . . . . . The Legend of Bregenz

PROLOGUE

LEGEND

EPILOGUE

---

MISS GERTRUDE LITCHFIELD, Pianist

MR. ARTHUR HAROLD TOZER, Director

## CHRISTMAS CHAPEL

DECEMBER 23, 1914

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1 Responsive Reading. Ps. xcvi.

2 Hymn—"Lord, Thy Glory fills the Heavens"

SCHOOL

3 The Lord's Prayer . . . . . SCHOOL

4 Gloria . . . . . SCHOOL

5 Carols a Silent Night

b The First Nowell

GLEE CLUBS

6 Reading . . . . . MR. DONALD MORSE

7 Solo . . . . . MISS RUBY FORBES

8 Selection . . . . . HIGH SCHOOL ORCHESTRA

9 Reading . . . . . MISS DOROTHY CURRELL

10 Carol—"God rest you merry Gentlemen"

11 Selection . . . . . HIGH SCHOOL ORCHESTRA

## HIGHLAND SCHOOL CONCERT

Tuesday Evening, April 21, 1914

GIVEN BY CLASS OF 1914

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MR. ARTHUR HAROLD TOZER . . . . . Director

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## Part One—Prize Speaking Contest

‡CHARLOTTE BOODY recites

“From the Valley of the Shadder”

AUGUSTA LIVERMORE recites . . .

“Poor Little Joe”

\*ALICE MURPHY recites

“Mr. Brown has His Hair Cut”

LEO KENNEDY recites . . . . .

“Whip-poor-Will”

MARION SAWYER recites . . .

“The Widow’s Light”

WARREN KILLAM recites

“Spartacus to the Gladiators”

†First Prize, Half Eagle Gold Piece

\*Second Prize, Two Dollars

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Part Two—A Cantata

“THE LADY OF SHALLOTT”

Words from Tennyson

Music by Wilfred Bendall

Choruses are sung by Graduating Class

Solos are rendered by Miss Ruby Forbes

Miss Marion Rodden is at the Piano

## PUPILS GRADUATING FROM HIGHLAND SCHOOL

JUNE 25, 1914

## BOYS

Allen, Lawrence W.  
 Ambler, Arley A.  
 Ballou, Arthur F. L.  
 Bangs, Gerald W.  
 Beacham, Herbert M.  
 Cummings, John E.  
 Deferrari, William S.  
 DeLong, George G.  
 Dill, Elbridge G.  
 Ellis, Louis A.  
 Fowler, Fred K.  
 Gibbons, Walter S.  
 Gleason, Clement T.  
 Haag, Leslie J.  
 Hill, William H.  
 Kennedy, Leo F.  
 Killam, J. Warren  
 MacKillop, Allan D.  
 Manning, Gerald G.  
 Marchetti, Frank F.  
 McCoy, Walter R.  
 Melonson, Augustus A.  
 Melonson, Edward J.  
 Morin, Harold J.  
 Newhouse, Charles W.  
 Nickerson, Frank A.  
 O'Brien, John R.  
 Parmalee, Albert O.  
 Ratcliffe, Harland R.  
 Richmond, Ernest D.  
 Riessle, Bertram E.  
 Rowell, Walter L.  
 Sargent, William H.  
 Scanlon, Walter A.  
 Shepardson, Francis B.  
 Stacy, Gordon A.  
 Stevens, Eugene L.  
 Towle, Harold O.  
 Trevor, Frederick A.  
 Watters, William D.

## GIRLS

Bancroft, Ethel G.  
 Blaisdell, Jessie  
 Boody, Charlotte H.  
 Boyce, Mary L.  
 Cobb, Elizabeth A.  
 Cooper, Kathryn D.  
 Cooper, Mildred E.  
 Currell, Effie E.  
 Curtis, Mildred L.  
 Desmond, Eleanor V.  
 Eaton, Doris G.  
 Fay, Margaret B.  
 Goodridge, Helen M.  
 Green, Mary A.  
 Hobson, Gladys  
 Hutchinson, Rachel  
 Judkins, Thelma  
 Keith, Edna L.  
 Kelch, Eva I.  
 Kelso, Alice I.  
 Lane, Edna L.  
 Livermore, Augusta H.  
 Magnus, Reta J.  
 McLeod, Marion M.  
 Meekins, Ella M.  
 Melonson, Ella M.  
 Mullett, Marion A.  
 Murphy, Alice M.  
 Parker, Luthera E.  
 Partelow, Mildred O.  
 Quinlan, Marion M.  
 Sawyer, Marion R.  
 Simpson, Aletha L.  
 Spillane, Ellen A.  
 Stevens, Marion L.  
 Surette, Gladys A.  
 Symonds, Frances E.  
 Turner, Beatrice K.  
 White, Sylvia O.  
 Wilson, Gertrude E.

## STATISTICS OF SCHOOL CENSUS

## NUMBER OF CHILDREN IN TOWN BETWEEN 5 AND 15 YEARS

September, 1899	.	.	.	.	.	.	.	832
" 1900	.	.	.	.	.	.	.	853
" 1901	.	.	.	.	.	.	.	890
" 1902	.	.	.	.	.	.	.	915
" 1903	.	.	.	.	.	.	.	967
" 1904	.	.	.	.	.	.	.	938
" 1905	.	.	.	.	.	.	.	972
" 1906	.	.	.	.	.	.	.	1022
" 1907	.	.	.	.	.	.	.	997
" 1908	.	.	.	.	.	.	.	1005
" 1909	.	.	.	.	.	.	.	1029
" 1910	.	.	.	.	.	.	.	1030
" 1911	.	.	.	.	.	.	.	1013
" 1912	.	.	.	.	.	.	.	1048
" 1913	.	.	.	.	.	.	.	1121
" 1914	.	.	.	.	.	.	.	1059

## NUMBER OF CHILDREN IN TOWN BETWEEN 7 AND 14 YEARS

September, 1899	.	.	.	.	.	.	.	648
" 1900	.	.	.	.	.	.	.	648
" 1901	.	.	.	.	.	.	.	680
" 1902	.	.	.	.	.	.	.	636
" 1903	.	.	.	.	.	.	.	682
" 1904	.	.	.	.	.	.	.	758
" 1905	.	.	.	.	.	.	.	698
" 1906	.	.	.	.	.	.	.	759
" 1907	.	.	.	.	.	.	.	723
" 1908	.	.	.	.	.	.	.	695
" 1909	.	.	.	.	.	.	.	737
" 1910	.	.	.	.	.	.	.	708
" 1911	.	.	.	.	.	.	.	784
" 1912	.	.	.	.	.	.	.	745
" 1913	.	.	.	.	.	.	.	778
" 1914	.	.	.	.	.	.	.	771



Length of school year, 1913-1914 . . . .	10 month
Number of days lost from stormy days, etc. . .	14 days
Actual length of school year . . . . .	9 months
Number of different pupils enrolled for the year ending June, 1914 . . . . .	1291

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AVERAGE NUMBER IN EACH OF THE TWELVE GRADES FOR THE  
FIRST FOUR MONTHS OF THE SCHOOL YEAR

YEAR	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	SP.	TOTAL
1899	120	103	102	87	108	75	93	68	56	46	17	23	5	903
1900	127	136	66	107	89	98	66	82	49	37	36	14	0	907
1901	177	102	108	77	105	87	97	64	61	42	28	25	5	978
1902	142	126	90	86	117	98	100	70	56	64	34	21	4	1008
1903	127	114	103	104	86	109	97	93	63	61	53	31	9	1050
1904	129	131	116	116	95	91	109	86	79	61	53	54	4	1123
1905	129	118	130	124	105	104	88	100	85	76	45	48	4	1156
1906	118	129	109	127	120	100	93	100	88	72	63	42	5	1166
1907	120	110	150	114	123	109	96	110	78	82	58	50	6	1212
1908	123	111	120	128	97	138	97	118	92	75	75	47	5	1226
1909	133	113	118	124	119	93	116	108	110	79	68	62	7	1250
1910	119	116	105	121	120	109	88	108	116	98	75	53	9	1237
1911	112	113	114	103	127	97	125	100	99	78	69	58	6	1201
1912	134	111	109	111	116	129	87	126	87	84	66	63	5	1228
1913	155	130	110	94	120	130	115	99	117	72	64	56	4	1266
1914	169	132	130	109	88	128	130	124	97	78	65	53	7	1310

# TEACHERS IN SERVICE, DEC. 31, 1914, WHERE EDUCATED, YEAR WHEN APPOINTED ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 23, 1914

School	Grade	Teachers	Where Educated	Year When Appointed	Salary	Total Enrollment	Average Membership	Average Attendance	Per cent. of Attendance	Cases of Tardiness	Cases of Dismissal
High	IX-XII	A. L. Safford, Principal and Supt.	Bates College.	1913	\$2500	315	305.8	281.3	91.9	578	71
	"	Harry R. Howe.	Harvard University.	1914	1100	..	..	..	..	..	..
	"	Agnes M. Gilmore.	Boston University.	1910	1000	..	..	..	..	..	..
	"	Marion Corliss.	Wellesley College.	1913	650	..	..	..	..	..	..
	"	Abbie H. Evans.	Radcliffe College.	1913	650	..	..	..	..	..	..
	"	Ruth A. Finberg.	Radcliffe College.	1913	1000	..	..	..	..	..	..
	"	Alice M. Lombard.	Bay Path Institute.	1907	1400	..	..	..	..	..	..
	"	E. Frances Greenhalgh.	Bay Path Institute.	1914	600	..	..	..	..	..	..
	"	Josephine M. Minihan.	Radcliffe College.	1913	650	..	..	..	..	..	..
	"	Mary W. Sawyer.	Wellesley College.	1912	750	..	..	..	..	..	..
	"	Elizabeth W. Whitman.	Wellesley College.	1913	650	..	..	..	..	..	..
	"	Louise A. Berthold.	Tufts College.	1914	600	..	..	..	..	..	..
	"	Alice Barrows, Principal.	Bridgeport Normal.	1880	1100	..	..	..	..	..	..
	VIII	Emma S. Pace, Assistant.	N. H. State Normal.	1899	750	43	40.7	37.5	92.1	32	14
Highland	VIII	Fannie C. Whittemore.	N. H. State Normal, Hyannis.	1905	700	41	40.2	37.3	92.8	33	8
	VIII	Alice E. Hood.	Concord Training School.	1902	700	41	40.1	37.8	94.2	68	7
	VII	L. Evelyn Williams.	Lowell Normal.	1914	625	45	43.5	39.9	91.7	65	7
	VII	Sadie P. Johnstone.	Farmington Normal.	1913	575	45	42.3	39.4	93.1	80	57
	VII	Mabel P. Williams.	Lowell Normal.	1911	650	44	41.5	38.5	92.4	108	13
	VI	Ethel M. Reed.	Farmington Normal.	1913	550	44	41.9	38.	90.7	75	34
	VI	Mabel I. Mathewson.	Fitchburg Normal.	1912	600	44	41.1	38.7	94.1	19	25
	VI	Marjorie O. Symmes.	Boston Normal.	1913	550	43	42.8	40.1	93.7	54	6
	V	Dorothy M. Carlisle.	Concord Training School.	1911	550	51	48.2	41.	91.3	37	8
	III	M. Grace Wakefield, Principal.	Salem Normal.	1900	675	44	43.	39.8	92.6	23	8
	III	Alberta R. Doyle.	Salem Normal.	1911	575	44	40.5	37.8	93.4	20	9
	IV	Phoebe Doran.	Washington Normal.	1913	500	37	34.9	32.5	92.5	42	13
	IV	Emily Seagrave.	Washington Normal.	1913	525	38	35.2	32.8	92.5	35	8
Union St.	V	Joyce L. Fielder.	Salem Normal.	1908	600	40	38.	36.3	95.2	19	8
	II	Anna P. Reid, Principal.	Reading High School.	1884	675	41	38.	34.	87.	30	1
	II	Ethel J. Bent.	Concord State Normal.	1911	600	39	36.9	32.	87.	25	1
Prospect St.	I	Marion H. Morgan.	Bridgewater Normal.	1904	600	63	58.	51.	87.4	70	5
	I	Mabel A. Porter.	Rust Kindergarten.	1911	675	62	54.6	46.7	89.3	10	5
	I-II	Ada E. Dow, Principal.	Lowell Normal.	1909	675	56	52.	46.7	87.5	28	17
Lowell St.	III-IV	Hannah B. Sargent, Principal.	Westfield Normal.	1914	575	54	48.	42.	87.5	0	0
	III-IV	Caryl M. Porter.	Castine Normal.	1914	600	28	24.	23.	94.8	0	0
	I-II	A. Isabelle Parker.	Rust Kindergarten.	1911	575	34	29.2	26.8	91.3	25	8
Chestnut Hill	I-II-III	Annie B. Parker, Drawing.	Dean Academy.	1911	575	31	27.9	25.3	91.5	5	3
	"	Eunice N. Bancroft, Sewing.	"	1892	500	..	..	..	..	..	..
	"	Arthur H. Tozer, Music.	"	1903	550	..	..	..	..	..	..
	"	Alice L. Tucker, Manual Training.	"	1914	500	..	..	..	..	..	..
	"	Myrtle D. Wells, Clerk.	"	1910	400	..	..	..	..	..	..

## REPORT OF TRUANT OFFICER

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1914

Number of absences reported to me . . . . .	163
Number found to be truants . . . . .	54
Number reported by parents as ill . . . . .	55
Number kept out by parents to work or otherwise . . . . .	48
Number reported insufficiently clad . . . . .	6
Put on probation . . . . .	0

Respectfully submitted,

WILLIAM KIDDER, Truant Officer.

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## LIST OF JANITORS WITH THEIR SALARIES, DECEMBER 31, 1914

	(Per week)	
Clement Gleason . . . . .	\$18 00	\$936 00
William Kidder . . . . .	16 25	845 00
Jesse N. Hutchinson . . . . .	17 00	884 00
Mrs. Ara Pratt . . . . .	8 50	442 00
Sylvanus L. Thompson . . . . .		194 00
Timothy Cummings . . . . .		144 00
Alfred Ells . . . . .		72 00

### OTHER SALARIES

E. Dalton Richmond, M. D., Medical Inspector	\$200 00
William Kidder, Truant Officer . . . . .	104 00
William H. Killam, Census Enumerator . . . . .	50 00

# SCHOOL COMMITTEE FINANCIAL STATEMENT 1914

RECEIVED	
Regular appropriation . . . . .	\$40,500 00
Tuition from North Reading . . . . .	1,766 25
Tuition from J. W. Manning . . . . .	20 00
Tuition of State Minor Wards . . . . .	31 20
Tuition of Boston Minor Wards . . . . .	62 50
Reimbursement Industrial Schools tuition . . . . .	127 50
Rent of John St. Schoolhouse . . . . .	66 00
Rent of High School Hall . . . . .	3 00
Telephone tolls . . . . .	12 57
Sale of books . . . . .	9 42
	<u>\$42,598 44</u>

## SPECIAL APPROPRIATIONS:

Typewriters . . . . .	\$600 00
Special repairs . . . . .	1,050 00
	<u>\$1,650 00</u>

Grand total . . . . . \$44,248 44

EXPENDITURES		
	Amount expended 1913	Amount expended 1914
Teachers' and Superintendent's salaries	\$28,510 27	\$28,463 70
Janitors' salaries	3,276 00	3,474 50
Other salaries:		
Truant Officer	\$150 00	\$104 00
Medical Inspector	200 00	200 00
Census Enumerator	100 00	65 00
	<u>450 00</u>	<u>369 00</u>
Transportation of pupils	867 25	850 00
Tuition paid:		
Truant School	36 70	
Industrial Schools	191 10	408 50
	<u>227 80</u>	

Books	\$1,274 48	\$1,291 17
Supplies for pupils	1,914 29	1,771 34
Apparatus for teaching	6 60	290 00
General expenses:		
Printing and advertising	135 19	157 51
Office supplies and stationery	50 80	40 39
Telephones	136 27	124 46
School Committee expenses	87 75	30 80
Superintendent's expenses	21 85	4 65
Law enforcement and police service	4 00	
Lectures and public meetings	37 44	
	<u>473 30</u>	357 81
Fuel	2,937 43	3,153 74
Building maintenance:		
Light	211 73	147 06
Water	244 84	291 76
Removal of ashes	43 15	122 01
Janitors' supplies	385 87	397 24
	<u>885 59</u>	<u>958 07</u>
Repairs:		
Buildings	1,687 99	813 08
Furniture	140 98	232 18
Grounds	403 12	163 35
	<u>2,232 09</u>	<u>1,208 61</u>
	<u>\$43,055 10</u>	<u>\$42,596 44</u>
Special repairs and alterations	\$2,670 00	\$1,162 81
Unexpended balance, 1914 . . .		489 19
		<u>\$44,248 44</u>

## DETAIL OF EXPENDITURES 1914

## TRANSPORTATION OF PUPILS:

Bay State Street Railway Co.,		
ticket books . . . . .	\$750 00	
Borthwick, James, barge service	100 00	
	<hr/>	\$850 00

## TUITION PAID TO INDUSTRIAL SCHOOLS:

City of Boston . . . . .	\$313 00	
City of Somerville . . . . .	50 00	
Town of Wakefield . . . . .	45 50	
	<hr/>	\$408 50

## Books:

Adams, J. Q., dictionaries . . .	\$26 00
Allyn & Bacon, text books . . .	98 69
American Book Co., text books .	20 80
American Express Co., expressage	10 40
Appleton, D. & Co., text books .	10 80
Babb, Edward E. & Co., text books	381 27
Barnard, F. J., rebinding books .	47 60
Barnes Co., The A. S., books . .	66
Bobbs-Merrill Co., books . . .	3 00
Century Book Co., books . . .	8 37
Clark Co., W. B., books . . .	4 37
Cummings' Express, expressage .	5 04
Ditson, Oliver, music . . . . .	28 86
Fisher, Carl, music . . . . .	15 80
Ginn & Co., books . . . . .	390 10
Gregg Publishing Co., books . . .	80 44
Heath, D. C., books . . . . .	52 68
Lane, Melvin C., books . . . . .	1 50
Little, Brown & Co., books . . .	59 65
Milton Bradley Co., books . . .	2 71
Palmer Co., The A. N., books . .	20 13
Schmidt, Arthur P., music . . .	7 48
Silver, Burdett Co., books . . .	11 74

University of Chicago Press, books	\$1 08	
Wilson, George F., music . . . .	2 00	
	<hr/>	\$1,291 <sup>17</sup> / <sub>100</sub>

## SUPPLIES FOR PUPILS:

American Express Co., expressage	\$8 97
Atkinson, Mentzer & Co., paper .	58 82
Babb, Edward E. & Co., supplies .	489 63
Bay State Paper Co., paper . . .	4 88
Boston & Maine R. R., freight .	1 11
Chandler & Barber, manual training supplies . . . . .	19 58
Cummings' Express, expressage .	28 03
Eagle Pencil Co., pencils . . .	60 53
Fairbanks Co., postal scale . . .	5 60
Frost & Adams, charcoal . . .	1 57
Hammett, J. L. Co., supplies . .	487 87
Holden Patent Book Cover Co., note book . . . . .	9 00
Knott, L. E. Apparatus Co., supplies	102 87
Marine Biological Laboratory, biology supplies . . . . .	3 85
Milton Bradley Co., paint . . .	30 97
Palmer Co., The A. N., penmanship supplies . . . . .	40 40
Palmer & Parker, manual training supplies . . . . .	77 22
Parker & Page, manual training supplies . . . . .	236 33
Plymouth Sales Co. . . . .	3 01
Rockport Fish Market, biology supplies . . . . .	4 32
Smith, Fred, biology supplies . .	40
Stuart-Howland Co., supplies . .	21 39
Ward, Samuel, supplies . . . .	2 75
West Disinfecting Co., soap dispenser . . . . .	1 50
Whitall-Tatum Co., supplies . .	2 62



Wilkinson, A. J., manual training supplies . . . . .	\$58 42	
W. H. Willis, supplies . . . . .	9 70	
	<hr/>	\$1,771 34

## APPARATUS FOR TEACHING:

Thompson, A. T. & Co., reflectroscope . . . . .	\$290 00	\$290 00
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## GENERAL EXPENSES:

## Printing and Advertising:

Macey-Stetson-Morris Co., report cards . . . . .	\$24 15	
Twombly, W. E. & J. F., printing	133 36	
	<hr/>	\$157 51

## Office Supplies and Stationery:

Allen Bros., rubber stamps . . . . .	\$3 30	
Babb, Edward E. & Co., supplies . . . . .	1 99	
Charles, M. F., envelopes . . . . .	80	
Hammett, J. L. Co., supplies . . . . .	6 05	
Hill, Edward L., cards . . . . .	7 50	
Library Bureau, cards . . . . .	2 60	
Remington Typewriter Co., carbon paper . . . . .	9 00	
Ward, Samuel, rubber stamps . . . . .	5 60	
Wilkinson, A. J. & Co., scissors . . . . .	3 55	
	<hr/>	\$40 39

## Telephones:

N. E. Tel. & Tel. Co. . . . .	\$124 46	\$124 46
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## School Committee Expenses:

Edgerley & Bessom, renting chairs	\$6 50	
Gilmore, Agnes M., ribbon for diplomas . . . . .	9 50	
Lombard, Alice M., postage . . . . .	1 34	
Long, Richard W., engraving diplomas . . . . .	13 46	
	<hr/>	\$30 80

## Superintendent's Expenses:

Safford, A. L., postage . . .	\$4 65	\$4 65
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## Fuel:

Bancroft, Wendell & Co., coal and wood . . . . .	\$917 48	
Boston & Maine R. R., freight . . . . .	512 45	
Hanscom, E. C., teaming coal . . . . .	56 77	
Russell Coal Co., coal . . . . .	597 65	
Sweetser, Percy N., coal . . . . .	1,004 39	
Wakefield, Charles, wood . . . . .	45 50	
Zwicker, Jason, wood . . . . .	19 50	
	<hr/>	\$3,153 74

## BUILDING MAINTENANCE:

## Light:

Malden & Melrose Gas Light Co., gas . . . . .	\$19 84	
Municipal Light Board, light . . . . .	127 22	
	<hr/>	\$147 06

## Water:

Reading Water Works . . . . .	\$291 76	\$291 76
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## Removal of Ashes:

Cail, W. F., carting . . . . .	\$5 00	
Cummings' Express, carting . . . . .	65 76	
Thompson, S. L., carting . . . . .	4 75	
Wilkinson, A. J., ash barrels . . . . .	33 00	
Zanni, Angelo, carting . . . . .	13 50	
	<hr/>	\$122 01

## Janitors' Supplies:

Adams Co., cheese cloth . . . . .	\$1 92
Allds, Warren, cleaning compound . . . . .	3 00
Albany Supply Co., disinfectant . . . . .	4 38
American Express Co., expressage . . . . .	4 60
Atkinson, G. H. Co., supplies . . . . .	4 00
Cook, A. S., cheese cloth . . . . .	1 75
Babb, Edward E. & Co., supplies . . . . .	2 00
Blake Bros., Wonder-mist . . . . .	2 50

Burton, A. & E. Co., brushes . . .	\$63 83	
Dallman, H. I., brushes . . .	11 00	
Doughty, Henry O., floor spray . . .	55 90	
Dustwax Mfg. Co., dustwax . . .	6 25	
Francis Bros., supplies . . .	81 21	
Hannaford, Mrs. Margaret, brooms . . .	5 10	
Jameson, Frank, supplies . . .	24 11	
Knox & Morse, supplies . . .	13 75	
Masury-Young, disinfectants . . .	27 13	
Munroe, D. F., toilet paper . . .	7 50	
N. E. Petroleum Specialties Co., soap . . . . .	4 32	
Somerville Brush Co., brushes . . .	10 60	
Talbot Chemical Co., Ta-Bo . . .	9 00	
Wallace, Fred, supplies . . .	3 19	
West Disinfecting Co., disinfectant . . .	34 00	
Wilkinson, A. J., clamps . . .	16 20	
	<hr/>	\$397 24

## REPAIRS:

## Buildings:

Adden & Parker, plans . . .	\$75 00	
Burgess, R. P., mason work . . .	1 50	
Clapp, R. D., repairs . . .	65 30	
Fife, T. O., repairs . . .	215 57	
Francis Brothers, repairs . . .	127 44	
Hodge Boiler Wks., repairing boiler . . .	9 72	
Hodson Bros., setting glass . . .	11 40	
Johnson, Henry R., plans . . .	25 00	
LeFave, J. A., labor . . .	51 63	
Maxwell, J. M., electrical repairs . . .	11 95	
Ordway, O. O., repairs . . .	1 75	
Stewart & Robertson, repairs . . .	196 55	
Thompson, S. L., repairing gutters . . .	2 00	
Wilkinson, A. J., supplies . . .	18 27	
	<hr/>	\$813 08

## Furniture:

Allen Shade Holder Co., repairing shades . . . . .	\$29 34	
Barnes Co., Henry K., charging fire extinguishers . . . . .	6 00	
Caproni, P. P. & Bro., repairing cast . . . . .	1 25	
Cook, W. F., paint . . . . .	75	
Charles, M. F., repairing clocks . . . . .	3 00	
Heywood Bros. & Wakefield Co., chairs . . . . .	52 50	
Jackson, Charles S., repairing chairs . . . . .	9 60	
Kenney Bros. & Wolkins, supplies and varnish . . . . .	24 15	
Kidder, Mrs. William, repairing flags . . . . .	12 88	
Murphy, J. A., repairing clocks . . . . .	3 00	
Pratt, Daniel's Son, repairing clocks . . . . .	19 50	
Remington Typewriter Co., adjusting machines . . . . .	3 85	
Underwood Typewriter Co., tables . . . . .	48 00	
Wilkinson, A. J., supplies . . . . .	15 86	
Woburn Carpet Cleaning Co., cleaning rugs . . . . .	2 50	
		<hr/>
		\$232 18

## Grounds:

Carter, M. M., dressing . . . . .	\$16 00	
Devaney, Matthew, labor . . . . .	31 25	
Hanscom, E. C., teaming . . . . .	29 85	
Mulroney, T. A., repairing concrete . . . . .	27 00	
Palmer, Mrs. Emily, bay trees . . . . .	25 00	
Irving, J. W. S., loam . . . . .	3 00	
Stock, George C., cleaning cesspools . . . . .	12 50	
Surette, Theodore, labor . . . . .	2 75	
Sweetser, Percy N., teaming . . . . .	16 00	
		<hr/>
		\$163 35
Total . . . . .		<hr/>
		\$42,596 44

## SPECIAL APPROPRIATIONS

## EXPENDED

## TYPEWRITERS:

Underwood Typewriter Co., type-		
writers . . . . .	\$600 00	
	<hr/>	\$600 00

## REPAIRS AND ALTERATIONS:

Hodson Bros., tinting Highland .	\$100 00	
Horne, Daniel, painting Centre .	166 31	
Park, H. L., alterations Centre .	80 00	
Roundy, E. J., shingling Chestnut		
Hill . . . . .	156 50	
Stokes, H. D., painting Chestnut		
Hill . . . . .	60 00	
	<hr/>	\$562 81
Unexpended balance for shingling		
Union St. School . . . . .		\$487 19
		<hr/>
		\$1,650 00

# MEDIAN SALARY OF MASSACHUSETTS TOWNS OF OVER 5000 INHABITANTS WITH OTHER DATA FROM A SPECIAL RE- PORT OF THE STATE BOARD OF EDUCATION, 1913

By "Median Salary" is meant the middle salary in a group of salaries arranged in order from the lowest to the highest. The median amount does not differ greatly from the average

		Median Salary of Elementary Teachers	School Tax per \$1,000	Valuation per Pupil
1	Brookline.....	\$830	\$2.01	\$28,815
2	Milton.....	700	2.88	16,509
3	Arlington.....	675	5.66	6,121
4	Winchester ..	675	4.67	7,741
5	Watertown.....	650	4.33	8,757
6	Winthrop.....	650	4.20	8,041
7	Dedham.....	650	4.37	7,996
8	Swampscott ..	615	2.96	14,662
9	Concord.....	615	4.69	6,253
10	Frammingham ..	600	5.25	5,626
11	Natick.....	600	5.28	4,742
12	Norwood.....	600	3.40	8,635
13	Whitman.....	600	6.68	3,983
14	Rockland.....	600	6.93	3,749
15	Belmont.....	600	4.77	7,684
16	Abington.....	600	9.18	3,306
17	Wellesley.....	600	2.90	16,509
18	Attleborough ..	532	4.51	7,187
19	Revere.....	575	5.75	5,077
20	Plymouth.....	575	4.76	5,562
21	Maynard.....	575	6.02	4,926
22	Leominster.....	570	5.89	5,837
23	Marblehead....	559	3.94	7,426
24	Clinton.....	551	6.60	4,404
25	Peabody.....	550	5.24	5,258
26	Weymouth.....	550	7.26	3,675
27	North Attleborough.....	550	5.41	5,862
28	Wakefield.....	525	6.19	4,261
29	Danvers.....	525	6.55	4,357
30	Andover.....	525	5.12	5,778
31	Easton.....	525	4.12	5,769
32	Westfield.....	520	6.90	4,166
33	Needham.....	512	5.44	3,143
34	<b>Reading.....</b>	<b>500</b>	<b>5.62</b>	<b>5,048</b>
35	Milford.....	500	4.62	4,924
36	Fairhaven.....	500	5.65	3,978
37	Adams.....	500	7.67	3,592
38	Methuen.....	500	5.40	4,241
39	Greenfield.....	500	4.87	5,987
40	Ware.....	500	6.99	4,337
41	Braintree.....	500	6.92	4,400
42	Saugus.....	500	7.26	3,639
43	Stoneham.....	500	6.23	4,454
44	Hudson.....	500	7.07	3,552
45	North Andover ..	500	5.52	5,755
46	Westborough.....	500	5.47	4,543
47	Southbridge.....	480	5.16	5,162
48	Montague.....	478	7.90	3,717
49	Gardner.....	475	6.26	4,718
50	Spencer.....	475	6.61	4,414
51	West Springfield ..	475	5.16	4,885
52	Chelmsford.....	475	5.71	5,449
53	Winchendon.....	473	5.83	4,218
54	Franklin.....	469	6.32	4,081
55	Mansfield.....	465	5.13	5,137
56	Stoughton.....	463	5.80	4,212
57	Amesbury.....	462	4.55	7,164
58	Northbridge.....	462	7.39	3,304
59	Webster.....	460	3.87	9,251
60	Great Barrington.....	456	5.03	5,048
61	Amherst.....	450	5.13	4,396
62	Palmer.....	440	7.83	3,658
63	Ipswich.....	420	4.20	6,271
64	Athol.....	418	6.50	3,685
65	Middleborough ..	418	6.39	3,627
66	Northampton ..	414	4.00	5,765
67	Orange.....	396	7.45	3,708
68	Blackstone.....	390	7.61	1,997
69	Grafton.....	387	8.08	3,388
70	Bridgewater.....	380	6.33	4,244

COST PER PUPIL IN AVERAGE MEMBERSHIP FOR  
TEACHERS' SALARIES, 1912-1913, FROM REPORT  
OF STATE BOARD OF EDUCATION

1	Brookline . . . . .	\$53 47
2	Milton . . . . .	30 94
3	Wellesley . . . . .	27 89
4	Winchester . . . . .	24 35
5	Watertown . . . . .	23 84
6	Concord . . . . .	23 16
7	Clinton . . . . .	23 12
8	Fairhaven . . . . .	22 97
9	Dedham . . . . .	22 82
10	Arlington . . . . .	22 34
11	Easton . . . . .	22 24
12	Winthrop . . . . .	21 83
13	Great Barrington . . . . .	20 99
14	Wakefield . . . . .	20 79
15	Stoneham . . . . .	20 56
16	Attleborough . . . . .	19 96
17	Belmont . . . . .	19 83
18	Swampscott . . . . .	19 53
19	Leominster . . . . .	19 39
20	Natick . . . . .	19 36
21	Amesbury . . . . .	19 26
22	Webster . . . . .	19 07
23	Rockland . . . . .	18 90
24	North Attleborough . . . . .	18 78
25	Montague . . . . .	18 62
26	Needham . . . . .	18 57
27	Norwood . . . . .	18 15
28	Bridgewater . . . . .	18 15
29	Southbridge . . . . .	17 81
30	Abington . . . . .	17 80
31	Peabody . . . . .	17 76
32	North Andover . . . . .	17 76
33	Whitman . . . . .	17 62





# SCHOOL COMMITTEE BUDGET, 1915, AS PRESENTED TO THE TOWN FINANCE COMMITTEE

Teachers' and Superintendent's salaries . . .	\$31,000 00
Janitors' salaries . . . . .	3,525 00
Other Salaries—Truant Officer	} 375 00
Medical Inspector	
Census Enumerator	
Transportation of pupils . . . . .	850 00
Tuition paid—Truant School . . . . .	100 00
Books . . . . .	1,250 00
Supplies for pupils . . . . .	1,800 00
Apparatus for teaching . . . . .	200 00

## GENERAL EXPENSES:

a Printing and advertising	} . . 450 00
b Office supplies and stationery	
c Telephones	
d School Committee's expenses	
e Superintendent's expenses	
f Law enforcement and police service	
g Lectures and public meetings	
Fuel . . . . .	3,250 00

## BUILDING MAINTENANCE:

a Light	} . . . . . 1,000 00
b Water	
c Removal of ashes	
d Janitors' supplies	

## REPAIRS:

a Buildings	} . . . . . 1,200 00
b Furniture	
c Grounds	

	\$45,000 00
Estimated receipts . . . . .	2,000 00

REGULAR APPROPRIATION REQUESTED . . .	\$43,000 00
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## SPECIAL APPROPRIATIONS REQUESTED

Typewriters and office appliances . . .	\$500 00
Grading and improving grounds . . .	1,000 00
	<hr/>
	\$1,500 00

LETTER OF TRANSMITTAL TO TOWN FINANCE  
COMMITTEE ACCOMPANYING BUDGET, 1915

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READING, MASS., January 19, 1915.

TO THE HONORABLE, THE FINANCE COMMITTEE OF THE TOWN  
OF READING, MASS.:

Gentlemen—The School Committee begs leave to present herewith statements of Receipts and Expenditures for the fiscal year of 1914, together with estimates for 1915.

The total estimate for regular expenses is \$45,000; the estimate of receipts is \$2000; the appropriation requested \$43,000 and receipts. In addition to the above amounts two special appropriations are requested as follows: \$500 for additional typewriters and office appliances for instruction purposes; \$1000 for improving the school grounds: in the rear of the Highland Schoolhouse, resurfacing; in the rear of the Lowell Street Schoolhouse, grading and removing rocks and stumps and setting out shrubs; in the rear of Chestnut Hill Schoolhouse, repairing wall and building new fence; in the rear of Prospect Street Schoolhouse, removing outhouse and setting out shrubs; at Union Street Schoolhouse, removing or repairing concrete.

The chief increase in the estimates over the expenditures for 1914 is for salaries of teachers. The amount expended in 1914 was \$28,463.70, the salary list December 31, 1914, was \$29,125.00. The difference, \$661.30, represents the additional sum required on account of increase in salaries that took effect in September, 1914, for the remainder of the year (.375 of the full year). The other items of increase in salaries are shown in the sheet entitled, "Details of Estimates for Salaries of Teachers and Superintendent."

The first two items, High School \$265, and Elementary \$270, provide for the annual advancement of teachers that have not reached the maximum salary. These items do not represent a permanent increase in the salary budget.

When a teacher leaves, the position is often filled by a younger teacher at a much lower salary. For example, the teacher of French in the High School recently resigned at a salary of \$900. Her place was filled by another at \$600, who would naturally be advanced each year toward the maximum.

In estimating the amount of increase for each teacher in the Elementary Schools \$50 a year, to take effect in September, is allowed for all those receiving less than \$600, and \$25 a year for those receiving more than \$600.

The third item of \$125 is to increase the maximum salaries in the Elementary Schools \$25 a year, to take effect in September. At present the maximum salary paid in grades one to four is \$600, in grades five to seven \$650, in grade eight, \$700. There are nine teachers in this class including the principals of primary schools who now receive \$675, as a maximum.

The increase for the Music Teacher is necessary in order to retain his services. The next two items for additional time for the teachers of Manual Training and Sewing are essential if we are to obtain satisfactory results. The last four items are for four additional teachers.

At the Prospect Street School there are about 110 pupils for two teachers—far too large a number for good results. At the Union Street School there are over 120 pupils for two teachers, and half-day sessions have been in operation there for some time past. This is a great loss to pupils and hard for the teachers. Another teacher is necessary in the High School to meet the standard required by the State Board of Education, and will materially improve the work of the school.

It has long been the opinion of the School Committee that a teacher of Domestic Science was desirable. With the increased stress that is now placed on vocational training and the advancement made in the teaching of Domestic Science in other towns, Reading must provide for it or accept a distinctly inferior position.

In the accompanying estimates no amounts are included for the payment of tuition fees of pupils attending independent industrial, agricultural or household arts schools under the provisions of Chapter 505, Acts of 1906, and Chapter 471, Acts of 1911. The Attorney General of Massachusetts has ruled that funds appropriated for the maintenance of public schools may not be used for the purpose of paying tuition under the foregoing act. About \$400 was expended for this purpose in 1914. While it would be impossible to estimate accurately the amount required for this purpose in 1915, the sum of \$500 would be a conservative estimate. One-half of the amount expended for this purpose is reimbursed to the Town the following year. The reimbursements for 1915 should be about \$200.

Very respectfully submitted,

ADELBERT L. SAFFORD, Supt. of Schools.



LETTER TO TOWN FINANCE COMMITTEE RELATIVE  
TO THE ESTABLISHMENT OF A DEPARTMENT  
OF STATE-AIDED VOCATIONAL EDUCATION

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READING, MASS., February 12, 1915.

TO THE HONORABLE, THE FINANCE COMMITTEE OF THE TOWN  
OF READING, MASS.:

Gentlemen—The members of the School Committee have asked unanimously that an article be placed in the warrant for the town meeting “to see if the town will establish and maintain a State-Aided Vocational Agricultural Department in connection with the Reading High School in accordance with the provisions of Chapter 471 of the Acts of 1911 and acts in amendment thereof or in addition thereto;” and “to see if the town will raise by taxation and appropriate the sum of \$2000.00 for the establishment and maintenance of a State-Aided Vocational Agricultural Department of the High School for the year 1915.”

The Commonwealth is actively seeking the co-operation of the towns and cities in establishing schools of this character, and will repay to the town two-thirds of the sum paid instructors in an approved school. By affiliating agricultural education with the High School, it may be undertaken without any outlay for land and buildings, and with a small outlay for equipment and supplies since the High School building and its laboratories and other facilities can be utilized. Each pupil is required to have some home projects in agriculture as a condition of becoming a member of the school. The Essex County Agricultural School at Danvers, the Smith School of Agriculture at Northampton and other similar schools invested thousands of dollars in land, buildings and equipment before any instruction could be given.

At the Essex County Agricultural School there are pupils in attendance from every town in the county except

three. These pupils all go home every night. Some travel over five hours a day, going and coming. Mr. Stimson, agent of the State Board of Education, assures me that the Concord High School department of agriculture and other similar High School departments are securing results at least equal to those obtained in the County Schools. The economy of teaching agriculture in the High School is therefore self-evident.

Sometimes education is criticised as being too theoretical and too far removed from the actual conditions of life. Here is a type of school that begins at the very fountain head of practical efforts, the boy at home on the farm surrounded by all the problems of animal husbandry and farm management.

The estimate of \$2000 is made up of \$1500 for salary and \$500 for furniture, equipment and supplies. \$1000 will be repaid by the state next year.

It is planned to open the school April 1, 1915, and to pay the instructor \$175 per month. He is in service continuously throughout the remainder of the year, including July and August, and visits frequently all of the pupils at their work. In 1913 thirty pupils—five from each of the six centers then in operation—averaged approximately \$325 each in earnings from their labor and projects. In 1914 there were 266 pupils enrolled in schools of this character. They earned over \$42,000.

I am enclosing a report on agricultural education for 1913. The last column on page 19 gives the earnings of each of the thirty pupils referred to above. I also enclose a booklet describing the organization of Vocational Agricultural Departments in selected High Schools.

Respectfully submitted,

ADELBERT L. SAFFORD, Supt. of Schools.



## REPORT OF PUBLIC LIBRARY

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The Trustees of the Public Library submit the following report:

### ORGANIZATION OF THE BOARD

The Trustees organized at the beginning of the year by the choice of Mr. Wadlin as Chairman and of Mr. Mansfield as Secretary.

### EXPENSES OF THE LIBRARY

The receipts for the year were as follows:

Appropriation, direct tax . . . .	\$1,445 00
Proceeds of dog tax . . . .	672 22
Receipts from fines and sales . .	83 00
	<hr/>
	\$2,200 22

### EXPENDED

Salaries (librarian, assistant and caretaker) . . . . .	\$408 37	
Books . . . . .	722 90	
Periodicals . . . . .	74 75	
Binding . . . . .	62 75	
Fuel . . . . .	108 31	
Care of heater . . . . .	65 00	
Lighting . . . . .	16 60	
Furniture . . . . .	45 00	
Printing . . . . .	51 20	
Rent . . . . .	600 00	
Minor supplies and expenses . . . .	45 03	
	<hr/>	\$2,199 91
Balance unexpended . . . . .		31

### ADDITIONS TO THE LIBRARY

The library at the end of the year 1913 contained 8,504 volumes. The additions (put upon the shelves before January 1, 1915) include 205 volumes purchased (new accessions) and 42 volumes were received by gift. Besides these, 88 volumes were bought to replace others lost by the fire at Odd Fellows Building. There were 32 volumes worn out during the year and not yet replaced. The net number of volumes available for public use at the close of the year 1914 is therefore 8,807. Additional volumes have been bought from the appropriation for the year but not being fully prepared for the shelves before January 1, they have not been included in this statistical statement.

### THE USE OF THE LIBRARY

The circulation for home use during the year numbers 22,868 volumes, as compared with 21,826 for the preceding year. It is gratifying to note that the increased use reported in 1913 still continues. The largest circulation in any single month was recorded in March, 2,512; and the smallest in September, 1,537.

During the year 311 new card holders have been registered.

### REDUCTION IN FINES

During the year the rule relating to fines on over-detained books has been changed, reducing the rate from five to two cents a day, on books lent under a one-week time limit.

### EXHIBITIONS

The Woman's Education Association (of Massachusetts) has, during the year, lent the library two sets of pictures for public exhibition. One, in January, illustrated the pageant held in Lancaster, portraying the early history of that town and of interest to any citizen of the State. The other, in December, illustrated familiar fairy tales, and was especially interesting to the children who visited the library.

### THE NEED OF A PERMANENT BUILDING

We have in previous reports urged the need of a permanent library building, properly planned to permit the library to be

operated as an efficient public library should be operated, in a town like ours. It would seem that no argument is needed in support of this proposition to anyone who is familiar with such buildings in other towns similarly situated, and who knows how effective a library may become, under proper conditions, as a factor in the educational system of the town, and as an important element in civic life, contributing to the welfare and enjoyment of every citizen.

The Trustees believe that it is now opportune to take definite action upon the subject. Incidentally, we have heard the question raised as to the adaptability to library uses, of the Grouard house, now in possession of the town. We do not favor it, however. The house, unless materially altered, would not properly serve for the library with its present collection of books, and would not permit the library to be operated economically in the way in which a modern public library should be conducted. The essential points to be found in a properly arranged building should be:

1. Shelf capacity sufficient for the books owned, with proper allowance for normal increase, so arranged that all the volumes may be open to examination by anyone, without formality. In a popular library, in a town like ours, they should not be placed in closed stacks, to which the readers have no direct access, and part should not be in one room with others in another, requiring separate attendants to supervise their use.

2. A sufficient number of reading tables with seats for readers, so placed that they are all well lighted, and that adults and children are separated.

3. A small work room, apart from the main reading room, for use in cataloging, in preparing books for the shelves, in minor repairs upon books, and for the private uses of the librarian in performing clerical work.

4. All the public parts so arranged that a single attendant at a central desk, used for lending books for home use, may have unobstructed view and constant supervision of the entire

space open to the public, including all the reading tables, book shelves, etc.

5. A small lecture room or auditorium, so planned as to be convenient for the children's story hour (now recognized as **an important feature of the educational work of a library**) and for study class use, etc.

Only such an arrangement as we have indicated will enable a public library to fill its proper place in a town like ours, or **permit it to be operated to the point of highest efficiency**. Any lack of efficiency, needless to say, is an economic waste.

Manifestly a dwelling house, unless exceptionally constructed, with the usual intermediate partitions and comparatively small rooms, and, in any case, with limited floor space, will not permit such an arrangement. And to attempt to remodel this particular house so as to fit it for library uses, would involve, in our judgment, a waste of money.

Neither is it advisable to continue to operate the library permanently in a building devoted in part to other purposes, even though the part occupied by the library were planned with special reference to its present needs. The hours of operation, the special functions of a library, are in harmony with nothing else. And the other uses to which a building may be put when tenanted in part by others, while they may be tolerated, are never desirable, and a library, therefore, ought to have a building planned especially for it, to be occupied by it independently.

We are of the opinion that such a building, economically constructed, might be placed on the upper part of the Grouard lot, **northeast of the present house**, facing the Common, in such a way that it would not interfere with any development of the rest of the **property which the town may wish to consider in the future**. It is not, of course, necessary to settle this point definitely, at present. But as to the building, we think it possible to secure a gift from the Carnegie Corporation of New York, for the whole or a material part of it, if the town will authorize an application in proper form, and will provide a site, and guar-

antee an annual appropriation for maintenance of the library which will not greatly exceed the amount which has been provided in recent years. We have, for some months, had this phase of the subject under consideration, and have had a certain amount of informal correspondence respecting it. The Trustees are entirely in favor of the project, but do not wish to proceed further without the endorsement of the town. Indeed, to put the application in proper form a vote of the town is required, pledging the annual appropriation of a fixed sum. Therefore the matter will be brought before the town, under a proper article in the warrant, at the forthcoming meeting.

It is proper to add, with respect to the gifts made in this way, that only two conditions are usually made. First, the provision of a site; second, the pledging of an annual appropriation for maintenance equivalent to ten percent of the amount of the gift. The plan is subject to approval by the donor, in order to guard against extravagant outlay, and this, of course, is entirely in the interest of the town. No planning not warranted by experience as in harmony with proper library efficiency, and economical management and maintenance will be approved. Since the two conditions are the only ones insisted upon, it perhaps need not be added that the name "Carnegie Library" need not appear in connection with the building; nor does the donor assume to control in any way the conduct of the institution. It will be, as it always has been, The Public Library of the Town of Reading, conducted by Trustees chosen by the citizens, and open freely to public use.

No formal contract is required between the town and the donor other than that embodied in the vote pledging site and annual appropriation. There is no "deed of gift" or condition of reversion of the property, or possibility of alienation. The town is simply put upon honor, by its pledge embodied in the vote, and this has been deemed sufficiently binding by the donor to secure the object he has in mind by such gifts—namely, the establishment and maintenance in perpetuity of public libraries.



Many towns in Massachusetts, as elsewhere, have applied for and received such gifts, and we know of no town which regrets its action. We know of no disadvantages, while the advantages are obvious.

#### ESTIMATES FOR 1915

We have submitted to the Town Accountant, as required by law, our estimate of the requirements for maintenance for the ensuing year, amounting to \$2,825. Of this sum \$500 is **exceptional, offsetting expense properly chargeable** against money received as insurance on library property lost in the late fire. The whole of this insurance money was covered into the treasury last year, but it was understood that from time to time an equivalent amount would be appropriated for our use in connection with replacements, for which, of course, the proceeds of insurance were intended.

#### CONCLUSION

We record our appreciation of the continued faithful and efficient service of Miss Bertha L. Brown, Librarian.

Two vacancies in the Board require to be filled at the Annual Meeting, the terms of Arthur N. Mansfield and Henry C. Parker expiring.

Respectfully submitted,

HORACE G. WADLIN, Chairman  
 ARTHUR N. MANSFIELD, Secretary  
 HARRY P. BOSSON  
 HENRY C. PARKER  
 ROBERT T. EDES  
 FRANK C. CARTER

Trustees.

Adopted at a meeting of the Board, February 8, 1915, as the report of the Board for the year ending December 31, 1914.







**Accountant's Report**  
OF THE  
**RECEIPTS AND PAYMENTS**  
OF THE  
**TOWN OF READING**



Classified as prescribed by the Bureau of Statistics, Schedule A

FOR THE  
**Fiscal Year Ending December 31, 1914**

RECEIPTS  
SCHEDULE A—I  
FISCAL YEAR ENDING DEC. 31, 1914  
REVENUE

## GENERAL

## I TAXES

1 Property . . .	\$115,097 62
2 Poll . . .	3,590 00
3 Corporation . . .	6,446 28
4 Street Railway . . .	3,794 58
5 Bank . . .	765 12

## II LICENSES

6 Permits . . .	107 00
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## III FINES AND FORFEITS

7 Court Fines . . .	108 00
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## IV GRANTS AND GIFTS

8 From State for High-ways . . .	4,350 00
9 County (Dog Licenses)	672 22

## V ALL OTHER GENERAL REVENUE

10 Certification of Taxes .	14 00
11 Miscellaneous . . .	9 39

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\$134,954 21

## COMMERCIAL REVENUE

## VI SPECIAL ASSESSMENT

12 Moth Extermination .	\$1,248 35
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## VII PRIVILEGES

13 Bay State St. Railway	2,774 38
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4,022 73

## VIII DEPARTMENTAL

14 General Government .	\$2 25
15 Protection to Persons and Property . . .	1,673 52
16 Health and Sanitation	229 54
17 Highways, Bridges and Sidewalks . . .	451 31
18 Charities . . .	3,300 22
19 Soldiers' Benefits .	1,739 00
20 Education . . .	2,098 44

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9,494 28

*Amount carried forward . . .*

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\$148,471 22

RECEIPTS—Continued  
SCHEDULE A—I

<i>Amount brought forward</i> . . .		\$148,471 22
21 Libraries . . .	83 00	
22 Recreation . . .	20 00	
23 Unclassified . . .	742 77	
IX PUBLIC SERVICE ENTERPRISES		
24 Electric . . .	58,716 33	
25 Water . . .	27,053 62	
X CEMETERIES . . .	1,843 06	
XI INTEREST . . .	2,791 49	
		<hr/> 91,250 27

NON-REVENUE

XII OFFSETS TO OUTLAYS

I DEPARTMENTAL

1 Public Service Enterprises . . .	\$4,132 07
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XIII MUNICIPAL INDEBTEDNESS

2 Temporary Loans . . .	132,000 00	
3 Public Service Enterprises . . .	9,000 00	
4 Received from Water Department . . .	3,000 00	
5 Received from Municipal Light Department . . .	4,000 00	
6 Premiums . . .	10	
	<hr/>	152,132 17

XIV AGENCY TRANSACTIONS

7 Agency		
(a) State . . .	\$13,037 50	
(b) Bank . . .	428 55	
(c) County . . .	7,149 78	
(d) Highways . . .	329 60	
(e) Wellington Bridge . . .	51 84	
	<hr/>	20,997 27

XV REFUNDS

(a) Taxes . . .	79 01	79 01
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XVI PETTY CASH . . .		2,700 00
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Total Receipts . . .		<hr/> \$415,629 94
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**PAYMENTS**  
**SCHEDULE A—I**

FISCAL YEAR ENDING DEC. 31, 1914

**MAINTENANCE**

**I DEPARTMENTAL**

1 General Government . . .	\$7,311 22	
2 Protection to Persons and Property . . . . .	24,116 52	
3 Health and Sanitation . . .	2,929 37	
4 Highways . . . . .	23,035 93	
5 Charities . . . . .	8,876 26	
6 Soldiers' Benefits . . . .	2,316 25	
7 Education . . . . .	42,727 07	
8 Libraries . . . . .	2,199 91	
9 Recreation . . . . .	859 06	
10 Unclassified . . . . .	2,984 46	
	<hr/>	\$117,356 05

**II PUBLIC SERVICE ENTERPRISES**

11 Electric . . . . .	\$47,015 29	
12 Water . . . . .	11,445 75	
	<hr/>	58,461 04

**III CEMETERIES**

13 Laurel Hill . . . . .	2,118 41
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**IV INTEREST**

14 Temporary Loans . . . .	\$3,074 93	
15 General Loans . . . . .	3,586 39	
16 Public Service Enter- prises . . . . .	11,160 64	
	<hr/>	17,821 96

**V MUNICIPAL INDEBTEDNESS**

17 General, from Revenues	20,400 00
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<i>Amount carried forward . . . .</i>	<hr/>	\$216,157 46
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## PAYMENTS—Continued

## SCHEDULE A—I

<i>Amount brought forward</i> . . .		\$216,157 46
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## VI OUTLAYS

## II DEPARTMENTAL

18 Protection to Persons and Property . . .	\$1,075 96	
19 Highways . . .	6,801 02	
20 Education . . .	832 18	
	<hr/>	8,709 16

## VII PUBLIC SERVICE ENTERPRISES

21 Water . . .	7,281 50	
22 Lights . . .	32,255 72	
	<hr/>	39,537 22

## VIII CEMETERIES

23 Laurel Hill . . .		1,500 00
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## IX MUNICIPAL INDEBTEDNESS

24 Temporary Loans . . .	\$130,000 00	
25 Public Service Enterprises	19,000 00	
	<hr/>	149,000 00

## X AGENCY TRANSACTIONS

26 Agency		
(a) State . . .	\$13,037 50	
(b) Bank . . .	428 55	
(c) County . . .	7,149 78	
(d) Highways . . .	329 60	
(e) Wellington Bridge	51 84	
	<hr/>	20,997 27

## XI REFUND

27 Taxes . . .		79 01
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XII PETTY CASH . . .		2,700 00
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Total Payments . . .		<hr/> \$438,680 12
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## RECAPITULATION—RECEIPTS

## SCHEDULE A—II

## REVENUE

Current Charges . . . . .	\$239,721 49
Offsets to Outlays . . . . .	4,132 07
Municipal Indebtedness . . . . .	148,000 10
Agency Transactions . . . . .	20,997 27
Refunds . . . . .	79 01
Petty Cash . . . . .	2,700 00
	<hr/>
Total Receipts . . . . .	\$415,629 94
Balance on hand Dec. 31, 1913 . . . . .	27,983 36
	<hr/>
Grand Total . . . . .	\$443,613 30

## RECAPITULATION—PAYMENTS

## CURRENT CHARGES AGAINST REVENUE

Maintenance and Interest . . . . .	\$195,757 46
Debt . . . . .	39,400 00
Outlays . . . . .	49,746 38
Temporary Loans . . . . .	130,000 00
Refunds . . . . .	79 01
Petty Cash . . . . .	2,700 00
Agency Transactions . . . . .	20,997 27
	<hr/>
Total Payments . . . . .	\$438,680 12
Balance on hand Dec. 31, 1914 . . . . .	4,933 18
	<hr/>
Grand Total . . . . .	\$443,613 30



# RECEIPTS SCHEDULE A—III

SOURCES OF RECEIPTS		Revenue for Expenses	Revenue for Outlays	Total
General Revenue				
1 TAXES				
CURRENT YEAR				
1 Property . . . . .		\$74,085 83		
2 Polls . . . . .		2,030 00		
PREVIOUS YEAR				
3 Property . . . . .		41,011 79		
4 Polls . . . . .		1,560 00		
FROM THE STATE				
5 Corporations . . . . .		6,446 28		
6 Street Railway . . . . .		3,794 58		
7 Bank . . . . .		765 12		
Total from Taxes . . . . .		\$129,693 60		\$129,693 60
2 LICENSES AND PERMITS				
8 Permits . . . . .		\$107 00		
Total from permits . . . . .		\$107 00		107 00
3 FINES AND FORFEITS				
9 Court Fines . . . . .		\$108 00		
Total from Fines . . . . .		\$108 00		108 00
4 GRANTS AND GIFTS				
GRANTS FROM OTHER CIVIL DIVISIONS				
10 From State Highways . . . . .		\$4,350 00		
11 From County, Dog Licenses . . . . .		672 22		
Total from Grants and Gifts . . . . .		\$5,022 22		5,022 22
5 ALL OTHER GENERAL REV.				
12 Certification of Taxes . . . . .		\$14 00		
13 Miscellaneous . . . . .		9 39		
Total from all other Gen. Rev. . . . .		\$23 39		23 39
Commercial Revenue				
6 SPECIAL ASSESSMENTS				
14 Moth Extermination . . . . .		\$1,248 35		
Total from Spec. Assessm'ts . . . . .		\$1,248 35		1,248 35
7 PRIVILEGES				
15 Public Service, Railway Tax . . . . .		\$2,774 38		
Total from Privileges . . . . .		\$2,774 38		2,774 38
Total forward . . . . .				\$138,976 94

## RECEIPTS

## SCHEDULE A—III—Continued

[illegible]

**PAYMENTS**  
**SCHEDULE A—III—Continued**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
<b>1 DEPARTMENTAL</b>			
<b>1A GENERAL GOVERNMENT</b>			
LEGISLATIVE			
1 Moderator			
(a) Salary . . . .	\$30 00		
EXECUTIVE			
2 Selectmen			
(a) Salaries . . . .	500 00		
(b) Other Expenses .	190 80		
FINANCIAL			
3 Accountant			
(a) Salary . . . .	750 00		
4 Treasurer			
(a) Salary . . . .	600 00		
(b) Other Expenses .	138 70		
5 Collector			
(a) Salary . . . .	1,167 86		
(b) Other Expenses .	177 89		
6 Assessors			
(a) Salary . . . .	1,150 00		
(b) Other Expenses .	474 67		
7 Other Finance Accounts			
(a) Certification of Notes	32 00		
OTHER GENERAL DEPARTMENTS			
8 Town Clerk			
(a) Salary . . . .	150 00		
(b) Other Expenses .	208 45		
9 Law			
(a) Salary Town Counsel	500 00		
10 Election and Registration			
(a) Salary . . . .	130 00		
(b) Other Expenses .	537 45		
MUNICIPAL BUILDINGS			
11 Town Building			
(a) Expenses . . . .	573 40		
Total for General Government	\$7,311 22		\$7,311 22
Total forward . . . .			\$7,311 22

# RECEIPTS SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . .			\$138,979 19
SB PROTECTION TO PERSONS AND PROPERTY			
FIRE DEPARTMENT			
17 Sale of Materials . . .	\$99 81		
INSPECTION			
18 Sealer Weights and Measures	25 52		
FORESTRY			
19 Gypsy and Brown Tail Moth Extermination . . . .	1,015 93		
20 Care of Trees . . . .	510 00		
21 Forest Warden . . . .	22 26		
Total from Protection to Per- sons and Property . . .	\$1,673 52		1,673 52
8C HEALTH AND SANITATION			
HEALTH			
22 Contagious Diseases Hospi- tals . . . . .	\$221 38		
OTHER HEALTH AND SANITATION			
23 Drainage . . . . .	8 16		
Total from Health and Sani- tation . . . . .	\$229 54		229 54
Total forward . . . .			\$140,882 25

PAYMENTS  
SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$7,311 22
1B PROTECTION TO PERSONS AND PROPERTY			
POLICE DEPARTMENT			
12 Salaries and Wages . . .	\$4,797 54		
13 Other Expenses . . .	296 94		
FIRE DEPARTMENT			
14 Salaries and Wages . . .	3,723 87		
15 Horses and Care of Same . .	645 00		
16 Fuel and Light . . .	67 07		
17 Hydrant Rental . . .	5,730 00		
18 Equipment and Repairs . .		\$1,075 96	
19 Repairs on Alarm . . .	397 41		
20 Other Expenses . . .	746 59		
INSPECTION			
21 Inspection of Wires . . .	70 00		
22 Sealer Weights & Measures	123 77		
FORESTRY			
23 Gypsy and Brown Tail Moth Extermination . . .	5,702 58		
24 Care of Trees . . .	750 23		
25 Forest Wardens . . .	1,065 52		
Total for Protection to Per- sons and Property . . .	\$24,116 52	\$1,075 96	25,192 48
1C HEALTH AND SANITATION			
HEALTH			
26 General Administration . .	\$250 00		
27 Contagious Hospitals . . .	902 71		
28 Other Expenses . . .	1,048 25		
29 Inspection			
(a) School Children . . .	200 00		
(b) Inspection of Animals . .	125 00		
(c) Inspec. of Slaughtering . .	100 00		
OTHER HEALTH AND SANITATION			
30 Drainage . . .	303 41		
Total Health and Sanitation	\$2,929 37		2,929 37
Total forward . . .			\$35,433 07

## RECEIPTS

## SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . .			\$140,882 25
8D HIGHWAYS AND BRIDGES			
24 Sprinkling . . .			
(a) Oiling . . .	\$87 13		
25 Miscellaneous . . .	364 18		
Total from Highways and Bridges . . .	\$451 31		451 31
8E CHARITIES			
26 Town Home			
(a) Sale of Products . .	\$442 49		
(b) Miscellaneous . . .	147 00		
27 Reimbursements			
(a) From Other Cities and Towns . . .	430 99		
(b) From the State . . .	166 74		
28 Chap. 763, Acts of 1913			
(a) From City of Somerville . .	428 00		
(b) From Other Cities . . .	74 67		
(c) From the State . . .	1,483 33		
29 Miscellaneous . . .	127 00		
Total from Charities . . .	\$3,300 22		3,300 22
8F SOLDIERS' BENEFITS			
30 State Aid . . .	\$1,702 00		
31 Soldiers' Burials . . .	37 00		
Total from Soldiers' Benefits	\$1,739 00		1,739 00
Total forward . . .			\$146,372 78

**PAYMENTS**  
**SCHEDULE A—III—Continued**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$35,433 07
<b>1D HIGHWAYS AND BRIDGES</b>			
31 General Administration . .	\$1,004 00		
32 Cleaning and Resurfacing . .	12,451 97		
33 Construction . . . . .		\$5,601 02	
34 Snow Removal . . . . .	1,399 79		
35 Oiling . . . . .	2,897 40		
(a) Water . . . . .	300 00		
(b) Other . . . . .	332 77		
36 Lighting . . . . .	4,500 00		
37 New Lights . . . . .		1,200 00	
38 Other Expenses . . . . .			
(a) Drinking Fountains . .	150 00		
Total for Highways and Bridges . . . . .	\$23,035 93	\$6,801 02	29,836 95
<b>1E CHARITIES</b>			
39 General Administration . . .	\$300 00		
40 Town Home . . . . .	2,687 41		
41 Outside Relief by City or Town .	538 67		
42 Relief given by Other Cities or Towns . . . . .	136 41		
43 Hospitals . . . . .			
(a) Quasi-public . . . . .	619 17		
44 Other Expenses . . . . .	1,000 60		
45 Chap. 763, Acts of 1913 . . . .			
(a) Town . . . . .	1,376 20		
(b) City of Springfield . . .	32 00		
(c) City of Somerville . . .	530 00		
(d) The State . . . . .	1,655 80		
Total for Charities . . . . .	\$8,876 26		8,876 26
<b>1F SOLDIERS' BENEFITS</b>			
46 State Aid . . . . .	\$1,674 00		
47 Soldiers' Burials . . . . .	100 00		
48 Soldiers' Relief . . . . .	542 25		
Total for Soldiers' Benefits . .	\$2,316 25		2,316 25
Total forward . . . . .			\$76,462 53



**RECEIPTS**  
**SCHEDULE A—III—Continued**

SOURCES OF RECEIPTS		Revenue for Expenses	Offsets to Outlays	Total
Total forward . . .				\$146,372 78
8G EDUCATION				
32 Tuition State Wards . . .		93 70		
33 Other Tuition . . . . .		1,786 25		
34 Miscellaneous . . . . .		90 99		
35 Tuition Reimbursement Industrial School . . . . .		127 50		
Total from Education . . .		\$2,098 44		2,098 44
8H LIBRARIES				
36 Fines . . . . .		\$83 00		
Total from Libraries . . .		\$83 00		83 00
8D RECREATION				
37 Playgrounds . . . . .		\$20 00		
Total from Recreation . . .		20 00		20 00
Total forward . . . . .				\$148,574 22

**PAYMENTS**  
**SCHEDULE A—III—Continued**

OBJECTS OF PAYMENTS		Expenses	Outlays	Total
Total forward . . .				\$76,462 53
1G EDUCATION				
49	General Expenses			
	(a) Salaries . . . .	\$169 00		
50	Teachers' Salaries . . . .	23,463 70		
51	Text Books and Supplies . . . .	3,352 51		
52	Tuition . . . . .	408 50		
53	Transportation . . . . .	850 00		
54	New Typewriters . . . . .		\$600 00	
55	Janitors' Services . . . . .	3,474 50		
56	Fuel and Lights . . . . .	3,153 74		
57	Furniture and Furnishings . . . .		232 18	
58	Maintenance of Buildings . . . .	1,934 50		
59	Other Expenses . . . . .	357 81		
60	Special Repairs to Buildings . . . .	562 81		
Total for Education . . . .		\$42,727 07	\$832 18	43,559 25
1H LIBRARIES				
61	Salaries . . . . .	\$442 87		
62	Books and Periodicals . . . . .	797 65		
63	Binding . . . . .	62 75		
64	Fuel and Lights . . . . .	154 91		
65	Rent . . . . .	690 00		
66	Other Expenses . . . . .	141 73		
Total for Libraries . . . .		\$2,199 91		2,199 91
67	1I PARKS AND COMMON			
	(a) Salary and Wages . . . .	\$41 50		
	(b) Other Expenses . . . .	60 56		
68	Play Grounds			
	(a) Rent . . . . .	342 00		
	(b) Other Expenses . . . .	15 00		
69	Celebrations			
	(a) Memorial Day . . . .	200 00		
	(b) Band Concerts . . . .	200 00		
Total for Recreation . . . .		\$859 06		859 06
Total forward . . . . .				\$123,080 75

# **RECEIPTS** **SCHEDULE A—III—Continued**

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . .			\$148,574 22
8J UNCLASSIFIED			
38 Receipts not recorded under previous classification .			
(a) Grouard Estate Income .	\$416 70		
(b) Taxes on Property Taken .	275 45		
(c) Miscellaneous Expenses .	50 62		
Total from Unclassified . .	\$742 77		742 77
9 PUBLIC SERVICE ENTERPRISES			
39 Electric			
(a) Income from Sale of Light and Power . . . .	\$53,248 04		
(b) Miscellaneous . . . .	968 29		
(c) Unpaid Construction Bills .		\$2,932 07	
(d) New Street Lights . . .		1,200 00	
(e) Street Lighting . . . .	4,500 00		
40 Water			
(a) Income from Sale of Water .	19,042 75		
(b) Miscellaneous . . . .	1,680 87		
(c) Other receipts . . . .	6,330 00		
Total from Public Service Enterprises . . . .	\$85,769 95	\$4,132 07	89,902 02
10 CEMETERIES			
41 Sale of Lots and Graves . .	\$960 00		
42 Miscellaneous . . . .	174 56		
43 Care of Lots and Graves . .	708 50		
Total from Cemeteries . . .	\$1,843 06		1,843 06
Total forward . . . . .			\$241,062 07

**PAYMENTS**  
**SCHEDULE A—III—Continued**

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$123,080 75
1J UNCLASSIFIED			
70 Block System Survey . .	\$289 90		
71 Insurance . . . . .	395 78		
72 Lighting G. A. R. Hall . .	50 00		
73 Grouard Estate . . . .	29 74		
74 Taxes on Property Taken . .	996 10		
75 Miscellaneous Expenses . .	1,222 94		
Total for Unclassified . . .	\$2,984 46		2,984 46
2 PUBLIC SERVICE ENTERPRISES			
76 Electric			
(a) Maintenance and Operation	\$47,015 29		
(b) Unpaid Construction Bills		\$2,932 07	
(c) Construction . . . . .		29,323 65	
77 Water			
(a) Maintenance and Operation	11,445 75		
(b) Construction . . . . .		7,281 50	
Total for Public Service Enterprises . . . . .	\$58,461 04	\$39,537 22	97,998 26
3 CEMETERIES			
78 Maintenance . . . . .	\$2,118 41		
79 Improvements . . . . .		\$1,500 00	
Total for Cemeteries . . . . .	\$2,118 41	\$1,500 00	3,618 41
Total forward . . . . .			\$227,681 88

# RECEIPTS SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Indebtedness	Total
Total forward . . . .			\$241,062 07
11 INTEREST			
44 On Deposits . . . . .	\$345 06		
45 On Deferred Taxes . . . .	2,224 02		
46 Miscellaneous, Water . . .	70 71		
47 Miscellaneous, Municipal Light . . . . .	151 70		
Total from Interest . . . .	\$2,791 49		2,791 49
12 MUNICIPAL INDEBTEDNESS			
48 Temporary Loans . . . . .		\$132,000 00	
49 Loans for Public Service Enterprises . . . . .		9,000 00	
50 Premiums . . . . .		10	
51 Municipal Light and Water .		7,000 00	
Total from Municipal Indebtedness . . . . .		\$148,000 10	148,000 10
Total forward . . . . .			\$391,853 66

**PAYMENTS**  
**SCHEDULE A—III—Concluded**

OBJECTS OF PAYMENTS	Expenses	Indebtedness	Total
Total forward . . . .			\$227,681 88
4 INTEREST			
80 On Temporary Loans . . . .	\$3,074 93		
81 On General Loans . . . .	3,586 39		
82 On Loans Public Service Enterprises . . . .	11,160 64		
Total for Interest . . . .	\$17,821 96		17,821 96
5 MUNICIPAL INDEBTEDNESS			
83 Temporary Loans . . . .		\$130,000 00	
84 Public Service Enterprises . .		12,000 00	
85 Bonds and Notes from Revenue . . . .	\$20,400 00		
86 Municipal Light and Water . .		7,000 00	
Total for Municipal Indebtedness . . . .	\$20,400 00	\$149,000 00	169,400 00
Total forward . . . .			\$414,903 84

# **RECEIPTS** **SCHEDULE A—III—Concluded**

SOURCES OF RECEIPTS		Temporary Accounts	Total
Total forward . . .			\$391,853 66
13 AGENCY AND TRUST TRANSACTIONS			
52 Taxes			
(a) State . . . .		\$13,037 50	
(b) Bank . . . .		428 55	
(c) County . . . .		17,149 78	
(d) All Others . . . .		381 44	
Total from Agency and Trust Transactions . . . .		\$20,997 27	\$20,997 27
14 REFUND			
53 Taxes . . . . .		\$79 01	
Total Refunds . . . .		\$79 01	79 01
16 PETTY CASH			
Petty Cash . . . . .		\$2,700 00	2,700 00
17 BALANCES		Cash Balance	
54 General . . . . .		\$7,335 80	
55 Water Department . . . .		1,375 23	
56 Municipal Light . . . .		19,272 33	
Total Cash on hand begin- ning of year . . . .		\$27,983 36	\$27,983 36
Grand Total Receipts and Cash on Hand . . . .			\$443,613 30



# PAYMENTS SCHEDULE A—III—Concluded

OBJECTS OF PAYMENTS		Temporary Accounts	Total
Total forward . . . .			\$414,903 84
6 AGENCY AND TRUST TRANS- ACTIONS			
87 Taxes			
(a) State . . . . .		\$13,037 50	
(b) Bank . . . . .		428 55	
(c) County . . . . .		7,149 78	
(d) All Others . . . . .		381 44	
Total for Agency and Trust Transactions . . . .		\$20,997 27	20,997 27
7 REFUNDS			
88 Taxes . . . . .		\$79 01	
Total Refunds . . . .		\$79 01	79 01
8 PETTY CASH			
Petty Cash . . . . .		\$2,700 00	2,700 00
9 BALANCES		Cash Balance	
89 General . . . . .		\$3,388 02	
90 Water Department . . . .		12 31	
91 Municipal Light Dept. . . .		1,532 85	
Total cash on hand at end of year . . . . .		\$4,933 18	4,933 18
Grand Total Payments and Cash on hand . . . .			\$443,613 30

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